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UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS
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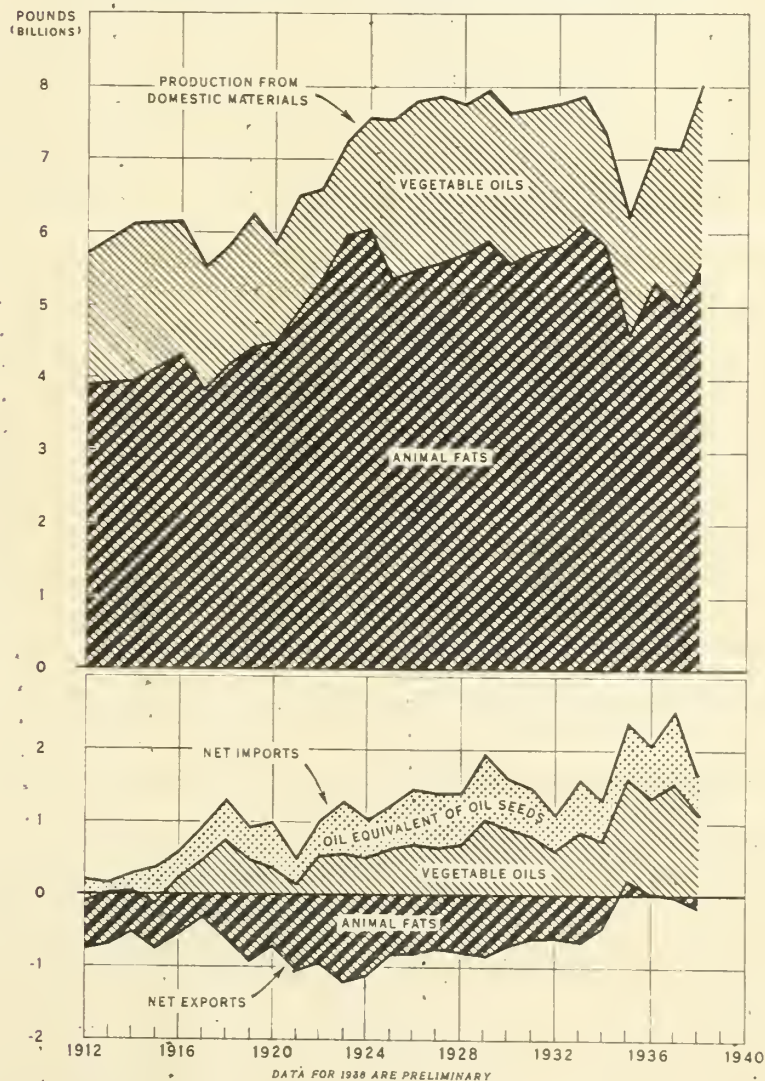
FOS-29

JULY 14, 1939

THE FATS AND OILS SITUATION

: THIS ISSUE OF THE FATS AND OILS SITUATION CONTAINS :
: TABLES BRINGING TO DATE THE DATA ON PRODUCTION, TRADE, :
: STOCKS, AND DISAPPEARANCE OF FATS AND OILS IN THE UNITED :
: STATES, AS ORIGINALLY PRESENTED IN STATISTICAL BULLETIN :
: NO. 59 OF THIS DEPARTMENT FOR THE YEARS 1912-35. :

PRODUCTION OF AND NET TRADE IN ANIMAL FATS
AND VEGETABLE OILS, UNITED STATES, 1912-38



Price per pound of specified fats and oils, June 1937 and 1938, and
April-June 1939

Fat or oil	June		1939		
	1937	1938	Apr.	May	June
	Cents	Cents	Cents	Cents	Cents
<u>Domestic prices-</u>					
Butter, 92 score, Chicago	30.00	25.28	21.95	22.77	23.65
Butter, 92 score, N. Y.	30.94	25.87	23.11	23.64	24.06
Oleomargarine, dom. veg., Chicago	15.40	15.40	14.50	14.50	14.50
Lard, prime steam, Chicago	11.88	8.41	6.33	6.53	6.10
Lard, refined, Chicago	13.25	9.38	7.28	7.50	7.06
Lard compound, Chicago	13.40	10.22	9.25	9.25	9.00
:					
Cottonseed oil, crude, S.E.mills	8.25	6.75	5.53	5.56	5.46
Cottonseed oil, p.s.y., N. Y.	10.00	8.00	6.60	6.60	---
Coconut oil, edible, N. Y.	8.06	5.25	4.38	4.38	4.62
Soybean oil, refined, N.Y.	11.42	8.50	7.50	7.50	7.50
Peanut oil, dom. refined, N.Y.	12.81	9.88	8.98	8.94	8.88
Rape oil, refined, N.Y.	12.67	10.43	10.80	10.80	10.80
Oleo oil, extra, Chicago	12.30	8.00	7.50	7.50	7.44
Oleo oil, No. 1, N. Y.	12.84	8.50	8.10	8.00	8.00
Oleostearine, N.Y.	9.50	6.06	6.22	5.88	5.91
Corn oil, refined, N.Y.	11.97	9.59	8.88	8.88	8.80
Olive oil, edible, N.Y.	32.00	25.33	25.07	25.07	25.07
Sesame oil, refined, N.Y.	11.88	10.38	9.12	9.18	9.18
Teaseed oil, crude, N.Y.	9.58	6.62	9.48	9.50	9.38
:					
Tallow, inedible, Chicago	8.22	4.64	5.02	4.99	4.73
Grease, A White, Chicago	8.72	4.91	5.09	5.15	4.83
Grease, house, N.Y.	8.13	3.98	4.84	4.82	4.77
Coconut oil, crude, Pacific Coast	5.56	2.91	2.79	2.97	3.02
Palm oil, crude, N.Y.	6.00	3.84	3.82	3.82	3.82
Olive oil foots, N.Y.	11.25	7.94	6.99	7.06	7.06
Palm-kernel oil, denatured, N.Y.	5.75	4.15	3.43	3.45	3.65
Babassu oil, N.Y.	1/ 8.91	6.28	6.12	6.28	6.25
Sardine oil, Pacific Coast	6.93	4.80	4.45	4.33	4.30
Menhaden oil, crude, f.o.b. Baltimore	5.77	4.13	4.21	4.27	3.67
Whale oil, ref., winter bleached, N.Y.	11.00	9.45	8.20	8.20	8.20
Linseed oil, raw, Minneapolis	10.6	8.20	8.70	8.68	8.70
Linseed oil, raw, N.Y.	11.1	8.72	8.96	8.95	9.32
Tung oil, N.Y.	13.06	10.88	16.05	17.75	20.62
Perilla oil, N.Y.	11.31	9.94	9.68	9.68	10.48
Oiticica oil, N.Y.	11.20	9.44	10.12	11.75	13.31
Soybean oil, crude, f.o.b. mills	8.23	5.25	4.72	4.92	4.86
:					
Castor oil, No.3, N.Y.	10.25	9.25	8.35	8.25	8.25
Cod oil, Newfoundland, N.Y.	6.93	6.67	4.33	4.33	4.33
<u>Foreign prices- 2/</u>					
Cotton oil, crude, naked, Hull	6.06	3.92	3.57	3.73	3/3.68
Copra, Resecada, Philippine Islands	2.83	1.19	3/1.33	3/1.39	---
Palm-kernel oil, crude, Hull	5.64	3.87	3.66	3.82	3/3.83
Whale oil, crude, No. 1, London	4.76	3.08	3.23	3.34	3/3.38
Tallow, beef fair-fine, London	5.84	4.27	3.94	3.81	3/3.80
Linseed oil, naked, Hull	6.58	5.01	5.08	5.26	3/5.29

1/ Futures. 2/ Converted to U.S.currency at current monthly rates of exchange.

3/ Preliminary.

T H E F A T S A N D O I L S S I T U A T I O N

Summary

Prices of drying oils, led by tung and oiticica, advanced rather sharply in June, and were considerably higher than in June last year, the Bureau of Agricultural Economics reports. Increasing building activity in the United States and the curtailment of Chinese tung-oil shipments by the closing of the Yangtze River to non-Japanese traffic apparently were the factors primarily responsible for this rise. Prices of butter, coconut oil, and palm-kernel oil, in this country, advanced moderately in June, but remained lower than a year earlier.

Lard and cottonseed oil prices continued to decline in June as a result of increasing lard supplies. Prices of most food fats were lower in June than a year earlier.

According to the spring pig crop report of this Bureau, the number of pigs saved this year is expected to be about 4 percent larger than the annual average of 80 million pigs saved during the pre-drought period 1929-33. Lard production in 1939 probably will total about 2,100 million pounds compared with 1,754 million pounds in 1938 and a 5-year (1929-33) average production of 2,342 million pounds. Production of lard under Federal inspection during the first 5 months of 1939 was 18 percent larger than a year earlier.

Present indications are that total lard production in 1940 will be at least as large as the average for the 5 years 1929-33. But exports of lard in 1940 probably will be smaller than the 5-year average. Hence the supply of lard available for domestic consumption next year is expected to be somewhat greater than in the pre-drought years.

The acreage planted to cotton this year is indicated by the July 1 crop report to be slightly smaller than that of 1938. In 1938, the acreage of cotton harvested was the smallest in 39 years.

The acreage of flaxseed for harvest in 1939 is indicated to be more than double the small acreage harvested in 1938, and about equal to the average for the 10 years 1928-37. Flaxseed crop conditions have been generally favorable. Production of flaxseed is expected to be almost twice that of last year, and considerably larger than the 10-year average. The acreages of soybeans and peanuts for harvest in 1939 are indicated to be the largest on record.

REVIEW OF RECENT DEVELOPMENTS

Prices of most food fats decline, drying oils advance

Prices of lard and lard compounds, as well as prices of tallow, grease, and menhaden oil, declined fairly sharply from May to June. Moderate declines were reported in prices of cottonseed oil, corn oil, and teaseed oil. Butter prices advanced seasonally in June. Prices of drying oils, particularly tung and oiticica, scored notable advances. Prices of coconut oil and palm-kernel oil advanced.

Prices of most food fats in June were lower than a year earlier, prices of lard and cottonseed oil showing the greatest declines. Prices of palm oil and babassu oil, however, were about the same as a year earlier. Prices of the drying oils, teaseed oil, rape oil, and tallow were higher. The most marked increase from a year earlier was in the price of tung oil, which in June 1939 was nearly double that of a year earlier.

The relatively large production and supplies of lard this year have been chiefly responsible for the downward trend in prices of lard and related fats and oils. The upward trend in prices of drying oils in recent months, on the other hand, apparently has been due to 2 factors: improvement in the demand for such oils with increasing building activity, and a shortage in supplies of Chinese tung oil resulting from the Japanese closing of the Yangtze River to foreign traffic.

June pig report indicates marked increase in lard production

The combined spring and fall pig crop of 1939 is expected to be about 16 percent larger than the 10-year (1928-37) average and about 4 percent larger than the 5-year (1929-33) average. The spring pig crop is estimated to be 20 percent larger this year than last, and the number of sows to farrow in the fall season this year is indicated to be about 16 percent larger than the number farrowed in the fall season of 1938.

In 1938, the combined pig crops totaled about 71 million pigs saved. This was 15 percent more than the relatively small number in 1937, but 11 percent less than the 80 million pigs saved, on the average, during the pre-drought years 1929-33. A total pig crop in 1939 4 percent larger than the 1929-33 average would amount to about 83 million pigs saved. The number of pigs saved in the spring season (December 1-June 1) of 1939 totaled more than 52 million head. The increased number of pigs saved this spring compared with last probably will result in a marked gain in lard production beginning about October, when marketings of new-crop hogs get underway in large volume.

The quantity of lard produced in the United States in 1938 totaled 1,754 million pounds compared with a 1929-33 average production of 2,342 million pounds. Lard production in 1939 probably will total about 2,100 million pounds, with the greatest gain over a year earlier occurring in the final quarter of the year. In 1940, lard production probably will total about as much as the average for the 5 years 1929-33.

As indicated in previous issues of this report, exports of lard in 1940 probably will not be so great as in the pre-drought period, due largely to the loss of the German market for American lard. Hence, a somewhat larger quantity of lard (possibly 250-300 million pounds) will be available for domestic consumption than was the case 8 or 10 years ago.

July 1 report shows little change in cotton acreage

The acreage of cotton in cultivation on July 1 is estimated by the Crop Reporting Board at 24,943,000 acres, or slightly less than the 25,018,000 acres in cultivation on July 1, 1938. Last year, 24,248,000 acres were harvested, the smallest since 1899. But the average cotton yield per acre in 1938 was relatively high, with the result that the quantity of cotton and cottonseed produced in 1938, although much smaller than the record crop of 1937, was considerably larger than in 1934 and 1935.

Flaxseed production to be nearly double that of 1938

The July 1 crop report indicates that the 1939 production of flaxseed will be about 15,398,000 bushels, nearly double the 8,171,000 bushels produced in 1938, and considerably larger than the 10-year (1928-37) average production of 11,943,000 bushels. An average yield of 7.6 bushels per acre is indicated for 1939 compared with 8.6 bushels in 1938, and 5.9 bushels, the average for the 10 years 1928-37. Prospective yields per acre are below the excellent yields of 1938 in all States except Montana, but are above average in most States.

The acreage of flaxseed planted in 1939 is estimated at 2,324,000 acres. Allowing for probable abandonment, it is estimated that 2,034,000 acres will be harvested in the 11 States usually reported. This is more than double the 954,000 acres harvested last year, and about equal to the 10-year average. The largest increases in acreages over 1938 are reported for Minnesota, Montana, California, Kansas and the Dakotas.

Soybean and peanut acreages largest on record

The acreage of soybeans grown alone for all purposes in 1939 is estimated at 8,119,000 acres - the largest on record. This is the third consecutive year of increase. Last year 6,858,000 acres of soybeans grown alone were planted. The major increase in acreage this year was in the North Central States, chiefly in Illinois, Indiana, and Ohio, where large proportions of the total soybean acreages usually are harvested for beans.

The acreage of peanuts grown alone for all purposes is estimated at 2,339,000 acres, 8 percent larger than the previous high record acreage in 1938. The average condition of peanuts on July 1, at 73 percent of normal, was 4 points below that of a year earlier, but was equal to the 10-year average.

PRODUCTION, TRADE, STOCKS, AND DISAPPEARANCE, 1935-38

Data on production, trade, stocks, and disappearance of fats and oils in the United States for the years 1935-38 are given in the following tables, which bring most of Statistical Bulletin No. 59 to date 1/. Similar data on prices will be given in the August issue of "The Fats and Oils Situation".

The original table numbers as shown in Bulletin 59 have been retained. Certain tables which were complete in the statistical bulletin are omitted here. A few new tables, designated by the letter a following the sequence number, have been added. Except in the case of the new tables, sources of data are not shown.

In most cases, data for 1935 are revisions of the preliminary figures published for that year in Bulletin 59. In addition revisions for several series have been made for earlier years. Where such revisions have been made, the revised data for years prior to 1935 also are shown.

Several of the summary tables are complete for all years beginning 1912. Tables 1 and 3 have been revised to include the essential data of table 4. And tables 6 and 7 have been combined.

1/ "Fats, Oils, and Oleaginous Raw Materials - Production, Prices, Trade, Disappearance in the United States 1912-35", and available data for earlier years. United States Department of Agriculture, Washington, D. C. 1937. Copies of this bulletin may be obtained from the Superintendent of Documents, Washington, D. C. Price 10 cents.

SUMMARY TABLES

Production

Table 1.- Summary of production, net imports, and apparent disappearance of fats and oils, United States, 1912, 1914, and 1916-38, (1912-35 revised)
(Net exports are indicated by a minus sign)

Calendar year	Domestic oil production				Net		Total	Pro-	Dis-
	Vegetable				exports	Changes	appar-	duc-	appear-
	From	From		Total	or net	in	ent	tion	ance
	Animal:domestic	imported			imports	stocks	disap-	per	per
	: water-	: water-			: of	: 2/	: pear-	: capita	: capita
	: ials	: ials 1/			: oil		: ance	: 3/	: 3/
	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Pounds	Pounds
1912	3,898	1,823	209	5,930	-752	---	5,179	62.4	54.4
1914	3,962	2,146	301	6,409	-467	---	5,943	65.4	60.7
1916	4,315	1,827	457	6,599	-325	4/+ 15	6,260	65.5	62.1
1917	3,815	1,711	534	6,060	157	5/+ 13	6,204	59.3	60.7
1918	4,197	1,629	529	6,355	162	5/+ 8	6,509	61.3	62.8
1919	4,420	1,837	476	6,732	-447	5/+ 55	6,231	64.1	59.3
1920	4,493	1,363	538	6,394	-346	+ 104	5,943	60.0	55.8
1921	4,911	1,589	428	6,929	-920	- 142	6,151	64.0	56.8
1922	5,370	1,209	536	7,114	-448	- 231	6,897	64.8	62.8
1923	5,954	1,267	760	7,981	-636	+ 35	7,310	71.6	65.5
1924	6,015	1,552	670	8,237	-627	+ 84	7,526	72.8	66.5
1925	5,368	2,180	472	8,021	-201	- 24	7,843	69.8	68.3
1926	5,504	2,283	646	8,433	-127	+ 296	8,010	72.4	68.7
1927	5,600	2,254	795	8,649	- 98	+ 286	8,265	73.2	69.9
1928	5,705	2,042	694	8,440	- 94	- 151	8,497	70.4	70.9
1929	5,882	2,067	880	8,829	181	+ 208	8,802	72.7	72.4
1930	5,597	2,030	694	8,321	241	+ 110	8,452	67.6	68.6
1931	5,742	1,949	587	8,277	211	+ 80	8,407	66.7	67.5
1932	5,328	1,922	457	8,206	19	+ 142	8,084	65.7	64.4
1933	6,101	1,764	630	8,495	224	+ 507	8,211	67.5	65.0
1934	5,841	1,534	617	7,992	288	- 411	8,691	63.1	68.3
1935	4,601	1,612	748	6,961	1,618	- 159	8,738	54.6	68.5
1936	5,304	1,847	729	7,880	1,357	+ 34	9,203	61.4	71.7
1937	4,982	2,148	931	8,061	1,532	+ 235	9,358	62.4	72.4
1938 6/	5,624	2,377	667	8,668	845	+ 250	9,263	66.6	71.1

- 1/ Rough estimates based on reported total factory production minus oil equivalent of domestic raw materials, supplemented by oil equivalent of imported materials for items not included in reports of factory production.
- 2/ Stocks of marine mammal oils in bonded warehouses have been deducted; such stocks not reported since 1936.
- 3/ Computed from total production and total apparent disappearance, using July 1 population.
- 4/ Includes butter and lard only.
- 5/ Includes butter, lard, and cottonseed oil only.
- 6/ Preliminary.

Table 3.- Summary of production, net imports, and apparent disappearance of fats and oils, excluding lard and butter, United States, 1912, 1914, and 1916-38 (1912-35 revised)

(Net exports are indicated by a minus sign)

Calendar year	Domestic oil production				Net	Changes	Total
	Vegetable			exports	in	apparent	
	Animal	From	From	Total	or net	stocks	disap-
		domestic	imported		imports	1/	pear-
	materials	materials			of		ance
					oil		
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
1912	668	1,823	209	2,699	- 188	---	2,511
1914	742	2,146	301	3,190	- 3	---	3,187
1916	836	1,827	457	3,121	165	---	3,285
1917	731	1,711	534	2,976	554	2/ + 35	3,495
1918	852	1,629	529	3,010	748	2/ - 35	3,793
1919	870	1,837	476	3,182	369	2/ + 87	3,465
1920	983	1,363	538	2,884	281	+ 103	3,062
1921	1,078	1,589	428	3,095	- 23	- 120	3,192
1922	1,217	1,209	536	2,961	357	- 210	3,529
1923	1,276	1,267	760	3,303	424	+ 31	3,697
1924	1,298	1,552	670	3,520	352	+ 37	3,835
1925	1,218	2,180	472	3,871	520	+ 8	4,382
1926	1,293	2,283	646	4,221	608	+ 307	4,522
1927	1,284	2,254	795	4,333	619	+ 270	4,682
1928	1,209	2,042	694	3,945	710	- 178	4,833
1929	1,287	2,067	880	4,234	1,052	+ 173	5,113
1930	1,276	2,030	694	4,000	920	+ 159	4,761
1931	1,248	1,949	587	3,784	816	+ 117	4,482
1932	1,194	1,922	457	3,572	601	+ 156	4,017
1933	1,306	1,764	630	3,700	841	+ 327	4,214
1934	1,522	1,534	617	3,673	751	- 332	4,757
1935	1,150	1,612	748	3,510	1,717	- 86	5,314
1936	1,479	1,847	729	4,055	1,490	- 80	5,625
1937	1,408	2,148	931	4,487	1,690	+ 346	5,832
1938 3/	1,573	2,377	667	4,617	1,086	+ 110	5,592

^{1/} Stocks of marine mammal oils in bonded warehouses have been deducted; such stocks not reported since 1936.

^{2/} Includes only cottonseed oil.

^{3/} Preliminary.

Table 5.-Production of fats and crude oils, United States, 1912, 1914,
and 1916-38 (1912-35 revised)

Calen-	Ba-	Castor:	Coco-	Corn	Cotton:	Hemp-	Kapok	Lin-	Mus-	Olive	
dar	bassu	oil	nut	oil	seed	seed	oil	seed	tard	oil	
year	oil	oil	oil	oil	oil	oil	oil	oil	oil	Edible:	In-
										Edible:	edibl
	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.
	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.
1912	---	2/	22	2/	39	73	1,435	---	---	462	---
1914	---	2/	19	2/	38	92	1,790	---	---	507	---
1916	---	2/	22	2/	100	110	1,492	---	---	532	---
1917	---	2/	22	2/	229	118	1,314	---	---	482	---
1918	---	2/	13	2/	271	111	1,284	---	---	375	---
1919	---		25		216	97	1,430	---	---	453	2
1920	---		24		131	99	1,143	---	---	485	1
1921	---		21		113	87	1,277	---	---	483	1
1922	---		31		186	112	935	---	---	457	1
1923	---		37		236	111	974	---	---	654	1
1924	---		37		191	117	1,154	---	---	706	1
1925	---		45		208	104	1,511	---	---	764	1
1926	---		47		261	120	1,764	---	---	720	1
1927	---		49		282	117	1,807	---	---	777	1
1928	---		65		311	124	1,460	---	---	751	1
1929	---		76		353	134	1,584	---	---	764	3/
1930	---		47		353	121	1,616	---	3/	516	3/
1931	---		50		303	113	1,417	---	---	521	1
1932	---		37		264	106	1,571	---	3/	327	3/
1933	---		45		351	129	1,400	---	3/	406	1
1934	---		42		297	115	1,224	4/	2	2/	3
1935	2/	10	47		253	100	1,184		17	2/	2
1936		38	65		258	127	1,247		14	3/	
1937		33	69		267	127	1,626	5/	---	665	5/
1938	6/	30	52		287	137	1,678	5/	---	441	5/

Continued-

Table 5.-Production of fats and crude oils, United States, 1912, 1914,
and 1916-38 (1912-35 revised) - continued

	:Palm- :kernel: : oil : : 2/ :	:Peanut: : oil : : 2/ :	:Per- : illa : : oil : : 2/ :	: Rape : oil : : 2/ :	: Sesame: : oil : : 2/ :	: Soy- : bean : : oil : : 2/ :	: Butter: : 7/ : : oil : : 2/ :	: Lard : : 8/ : : oil : : 2/ :	: Marine: : animal: : oils :	: Tallow : Edible: : In- : edible	
	: Mil. : lb.	: Mil. : lb.	: Mil. : lb.	: Mil. : lb.	: Mil. : lb.	: Mil. : lb.	: Mil. : lb.	: Mil. : lb.	: Mil. : lb.	: Mil. : lb.	
1912	---	3/	---	---	---	---	1,592	1,639	41 4/	22 4/	
1914	---	1	---	---	---	---	1,685	1,535	23 4/	25 4/	
1916	---	29	---	---	---	---	1,793	1,685	31 4/	30 4/	
1917	---	50	---	---	---	---	1,648	1,436	29 4/	30 4/	
1918	8	96	---	---	---	---	1,464	1,881	16 4/	34 4/	
1919	3	88	---	---	---	---	1,646	1,904	33	37	
1920	4	13	---	---	---	---	1,567	1,943	66	37	
1921	3/	33	---	---	---	---	1,741	2,092	56	41	
1922	3/	23	---	---	3/	1	1,870	2,283	79	49	
1923	3/	5	---	---	2/	6	1	1,986	2,692	85	53
1924	3/	7	---	---	2/	6	1	2,082	2,635	69	52
1925	3/	15	---	---	2/	2	3	2,017	2,133	101	50
1926	3/	11	---	---	2/	1	3	2,027	2,184	83	58
1927	3/	11	---	---	2/	1	3	2,076	2,240	83	49
1928	3/	12	---	---	2/	4	5	2,064	2,432	92	41
1929	3/	16	---	---	2/	8	11	2,160	2,435	116	44
1930	7	25	---	---	22	14	2,120	2,201	111	42	
1931	16	14	---	---	61	39	2,214	2,279	65	70	
1932	13	13	---	---	7	39	2,283	2,351	92	53	
1933	7	13	3/	---	15	27	2,349	2,446	133	58	
1934	4	47	1	---	9	35	2,253	2,066	226	78	
1935	23	45	1 4/	7	65	105	2,184	1,267	240	74	
1936	12	70	1 4/	6	51	225	2,152	1,673	300	98	
1937	40	51	3/	---	5	194	2,132	1,441	268	78	
1938 6/	11	78	3/	---	3	323	2,297	1,754	248	93	

Continued-

Table 5.-Production of fats and crude oils, United States, 1912, 1914,
and 1916-38 (1912-35 revised) - continued

Calendar year	Grease	Grease, wool	Neat's- foot oil	Oleo oil	Oleo stock 9/	Stearine: animal, edible	Total	
	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Including butter and lard	Excluding butter and lard
1912	155	4/ 5	5	4/ 122	---	4/ 60	5,930	2,699
1914	220	4/ 5	5	142	---	4/ 70	6,409	3,190
1916	224	4/ 5	7	4/ 153	---	4/ 75	6,599	3,121
1917	210	4/ 7	8	143	---	4/ 70	6,060	2,976
1918	244	4/ 7	10	4/ 166	---	4/ 81	6,355	3,010
1919	258	8	8	4/ 169	---	68	6,732	3,182
1920	326	7	6	132	---	69	6,394	2,884
1921	323	6	7	148	---	71	6,929	3,095
1922	360	4	9	165	16	75	7,114	2,961
1923	387	7	8	159	10	72	7,981	3,303
1924	376	4	9	156	14	78	8,237	3,520
1925	341	4	9	141	12	74	8,021	3,871
1926	347	6	10	161	12	79	8,433	4,221
1927	369	8	9	128	12	67	8,649	4,333
1928	374	6	7	124	7	61	8,440	3,945
1929	387	10	6	123	8	60	8,829	4,234
1930	359	7	5	116	8	56	8,321	4,000
1931	364	9	4	94	8	47	8,277	3,784
1932	313	6	4	75	7	36	8,206	3,572
1933	328	8	5	89	9	39	8,495	3,700
1934	343	5	7	79	6	34	7,992	3,673
1935	259	10	6	75	3	42	6,961	3,510
1936	308	7	6	98	4	49	7,880	4,055
1937	303	8	5	75	3	44	8,061	4,487
1938 6/	322	5	4	88	3	46	8,668	4,617

1/ Oil equivalent of seed crushed.

2/ Oil equivalent of imported raw materials.

3/ Less than 500,000 pounds.

4/ Estimate.

5/ Not separately reported.

6/ Preliminary.

7/ Total factory and farm production.

8/ Lard and neutral lard produced under Federal inspection, and other production.

9/ Exports.

DisappearanceTables 6 & 7.- Apparent disappearance of fats and crude oils,
United States, 1912, 1914, and 1916-38 (1912-35 revised)

Calendar year	Baba- ssu oil	Cashew : nut shell oil	Castor: oil	Coco- nut oil	Corn oil	Cotton- seed oil	Hemp- seed oil	Kapok: oil	Lin- seed oil	Must- ard oil	Oiti- cica oil
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
1912	--	--	22	86	50	1,082	--	--	461	--	--
1914	--	--	21	95	76	1,589	--	--	510	--	--
1916	--	--	25	164	101	1,321	--	--	526	--	--
1917	--	--	26	390	113	1,198	--	--	471	--	--
1918	--	--	22	626	111	1,218	--	--	370	--	--
1919	--	--	28	370	91	1,178	--	--	458	2	--
1920	--	--	24	341	87	911	--	--	492	1	--
1921	--	--	23	301	73	1,099	--	--	520	1	--
1922	--	--	31	382	115	966	--	--	640	1	--
1923	--	--	39	439	109	891	--	--	678	1	--
1924	--	--	38	409	115	1,053	--	--	707	1	--
1925	--	--	44	428	99	1,502	--	--	726	1	--
1926	--	--	46	445	115	1,514	--	--	714	1	--
1927	--	--	51	534	112	1,553	--	--	756	1	--
1928	--	--	63	569	121	1,507	--	--	785	1	--
1929	--	--	69	657	137	1,535	--	--	789	1/	--
1930	--	--	53	655	127	1,584	1/	1/	544	1/	--
1931	--	--	46	587	106	1,315	--	--	479	1	--
1932	--	--	38	554	107	1,240	--	1/	358	1/	--
1933	--	--	44	574	123	1,295	1/	1/	380	1	--
1934	--	--	44	597	132	1,566	2/2	3	417	1/	--
1935	3/10	--	51	630	131	1,441	10	2	470	1/	--
1936	36	--	60	640	151	1,340	20	16	485	--	4/ 3
1937	32	4/ 2	63	493	167	1,746	2	--	590	--	4/ 4
1938	5/ 31	4/ 2	53	605	149	1,658	1/	1/	490	--	4/ 5

Continued -

Tables 6 & 7.- Apparent disappearance of fats and crude oils, United States, 1912, 1914, and 1916-38 (1912-35 revised) - Continued

Calendar year	Olive oil			Couri- oil	Palm oil	Palm kernel oil	Peanut oil	Perilla oil	Rape oil	Sesame oil	Soy- bean oil
	Ed- ible	Ined- ible	Foots								
	Mil. lb.	Mil. lb.	Mil. lb.								
1912	43	6	16	--	53	28	8	--	10	1	25
1914	51	6	13	--	49	21	8	<u>1/</u>	11	1	13
1916	55	6	14	--	29	4	44	<u>1/</u>	20	<u>1/</u>	143
1917	51	4	8	--	34	<u>1/</u>	78	1	10	<u>1/</u>	261
1918	1	<u>1/</u>	<u>1/</u>	--	21	8	164	1	23	2	335
1919	68	2	6	--	42	4	237	5	8	5	150
1920	31	<u>1/</u>	9	--	45	5	97	8	15	1	103
1921	51	4	15	--	23	4	46	1	9	<u>1/</u>	35
1922	60	<u>6/15</u>	<u>6/</u>	--	46	1	40	2	11	<u>1/</u>	21
1923	80	<u>1/</u>	<u>1/</u>	--	124	3	14	6	15	15	38
1924	79	7	24	--	95	4	10	3	17	14	14
1925	88	10	38	--	133	45	18	6	14	6	20
1926	83	9	43	--	136	84	19	7	19	10	26
1927	75	8	41	--	133	29	12	5	18	3	13
1928	85	8	40	--	185	51	17	2	19	11	10
1929	95	10	43	--	228	72	18	6	17	30	13
1930	93	7	43	--	245	45	25	9	16	33	18
1931	76	12	56	--	261	45	21	12	12	53	35
1932	75	12	41	--	223	18	15	12	9	14	39
1933	72	11	43	--	257	15	14	27	11	14	32
1934	62	11	31	--	134	24	26	25	10	10	31
1935	70	19	32	--	305	55	122	64	68	57	103
1936	64	12	28	<u>1/</u>	315	50	120	112	67	54	222
1937	52	6	21	--	350	150	109	40	15	50	183
1938 5/	73	6	18	--	262	49	91	42	8	15	305

Continued -

Tables 6 & 7.- Apparent disappearance of fats and crude oils, United States, 1912, 1914, and 1916-38 (1912-35 revised) - Continued

Calendar year	Sun-flower oil	Tea-seed oil	Tung oil	Vege-table tallow	Butter	Lard	Marine animal oils	Tallow			Grease	Grease, wool
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
1912	--	--	43	--	1,584	1,083	53	2/	22	228	155	20
1914	--	--	30	--	1,686	1,071	44	2/	25	255	220	15
1916	--	--	58	--	1,766	1,208	63	2/	30	309	224	9
1917	--	--	41	--	1,633	1,076	68	2/	30	301	210	15
1918	--	--	42	--	1,443	1,273	41	2/	34	341	244	8
1919	--	--	51	--	1,608	1,158	44		37	262	258	8
1920	--	--	59	--	1,577	1,304	68		38	311	289	11
1921	--	--	38	--	1,757	1,201	94		41	399	333	8
1922	--	--	68	--	1,884	1,484	120		49	464	342	18
1923	--	--	82	7	1,995	1,618	144		51	466	310	17
1924	--	--	78	6	2,053	1,638	135		51	516	313	16
1925	--	--	87	7	2,029	1,432	176		50	479	260	15
1926	--	--	92	3	2,044	1,444	166		58	507	266	17
1927	--	--	85	6	2,065	1,518	191		49	574	285	19
1928	--	--	95	5	2,063	1,600	238		41	519	324	17
1929	--	1/	110	10	2,117	1,572	222		44	515	301	19
1930	1/	1/	100	10	2,134	1,557	182		41	525	284	16
1931	28	3/1	91	9/	2,247	1,678	217		66	566	278	11
1932	10	3/1	75	9/	2,232	1,786	190		51	586	277	9
1933	22	3/1	104	9/	2,254	1,743	221		52	567	235	11
1934	25	3/2	120	1/	2,312	1,623	227		68	717	304	15
1935	37	8/7	133	1/	2,207	1,218	320		68	718	254	15
1936	26	4/8	125	4/ 3	2,135	1,443	369		110	726	299	15
1937	1	4/27	155	4/ 8	2,156	1,371	386		89	676	285	13
1938 5/	1/	4/12	95	1/	2,204	1,467	287		95	764	335	6

Continued -

Tables 6 & 7.- Apparent disappearance of fats and crude oils, United States, 1912, 1914, and 1916-38 (1912-35 revised) - Continued

Calendar year	Neat's-foot oil	Oleo oil	Stearine, animal, edible	Total	
				Including butter and lard	Excluding butter and lard
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
1912	5	28	2/ 68	5,179	2,511
1914	5	57	2/ 71	5,943	3,187
1916	7	69	2/ 62	6,260	3,285
1917	8	109	2/ 67	6,204	3,495
1918	10	97	2/ 72	6,509	3,793
1919	8	94	50	6,231	3,465
1920	5	56	54	5,943	3,062
1921	8	25	41	6,151	3,192
1922	7	55	64	6,897	3,529
1923	7	62	63	7,310	3,697
1924	7	51	72	7,526	3,835
1925	8	55	69	7,843	4,382
1926	8	59	74	8,010	4,522
1927	7	59	64	8,265	4,682
1928	5	56	60	8,497	4,833
1929	4	59	58	8,802	5,113
1930	4	48	54	8,452	4,761
1931	3	62	40	8,407	4,482
1932	3	31	30	8,084	4,017
1933	3	51	33	8,211	4,214
1934	4	62	32	8,691	4,757
1935	6	68	47	8,738	5,314
1936	5	90	53	9,203	5,625
1937	4	67	47	9,358	5,832
1938 5/	4	83	47	9,263	5,592

1/ Less than 500,000 pounds.

2/ Estimate.

3/ Oil equivalent of imported nuts.

4/ Imports.

5/ Preliminary.

6/ "Olive oil foots" included with inedible olive oil, October - December.

7/ Inedible olive oil included with foots.

8/ Exports from China and Hong Kong into the United States.

9/ Not separately reported.

Table 8.- Apparent disappearance per capita of specified fats and oils, United States, 1912-38 (1912-35 revised)

Calendar year	Total : technical, industrial, and food 1/	Butter	Oleomargarine	Lard	Compounds : and vegetable cooking fats	Total but-ter, oleo-margarine, lard, and compounds
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1912	54.4	16.7	1.5	11.4	8.5	38.1
1913		16.6	1.6	10.9	9.6	38.7
1914	60.7	17.2	1.4	10.9	11.0	40.5
1915		17.4	1.4	11.8	10.2	40.8
1916	62.1	17.5	1.8	12.0	9.7	41.0
1917	60.7	16.0	2.8	10.5	11.0	40.3
1918	62.8	13.9	3.3	12.3	10.6	40.1
1919	59.3	15.3	3.4	11.0	11.7	41.4
1920	55.8	14.8	3.4	12.2	6.7	37.1
1921	56.8	16.2	2.0	11.1	7.1	36.4
1922	62.8	17.1	1.7	13.5	6.8	39.1
1923	65.5	17.9	2.0	14.5	6.6	41.0
1924	66.5	18.1	2.0	14.5	7.1	41.7
1925	68.3	17.7	2.0	12.5	9.3	42.0
1926	68.7	17.5	2.1	12.4	9.6	41.6
1927	69.9	17.5	2.3	12.8	9.8	42.4
1928	70.9	17.2	2.6	13.4	9.4	42.6
1929	72.4	17.4	2.9	12.9	9.9	43.1
1930	68.6	17.3	2.6	12.7	9.3	42.4
1931	67.5	18.1	1.9	13.5	9.4	42.9
1932	64.4	18.3	1.6	14.3	7.5	41.7
1933	65.0	17.9	1.9	13.9	7.6	41.3
1934	68.3	18.3	2.1	12.8	9.5	42.7
1935	68.5	17.3	3.0	9.6	12.1	42.0
1936	71.7	16.6	3.0	11.2	12.4	43.2
1937	72.4	16.7	3.1	10.6	12.3	42.7
1938 2/	71.1	16.9	3.0	11.3	12.0	43.2

1/ Total of individual primary fats and oils shown in the bulletin, including butter and lard.

2/ Preliminary.

Table 9.- Imports and exports of primary fats and oils, United States, 1935-38
(Net exports are indicated by a minus sign)

Calendar year	Imports				Exports				Net imports or net exports			
	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.
		Vegetable			Vegetable			Vegetable				
		: Oil			: Oil			: Oil				
	: Animal	: equiva-	: Total	: Animal	: equiva-	: Total	: Animal	: equiva-	: Total	: Animal	: equiva-	: Total
	: : Oil	: lent of:	: : Oil	: : Oil	: lent of:	: : Oil	: : Oil	: lent of:	: : Oil	: : Oil	: lent of:	: : Oil
	: : : raw ma-	: : : raw ma-	: : : raw ma-	: : : raw ma-	: : : raw ma-	: : : raw ma-	: : : raw ma-	: : : raw ma-	: : : raw ma-	: : : raw ma-	: : : raw ma-	: : : raw ma-
	: : : terial	: : : terial	: : : terial	: : : terial	: : : terial	: : : terial	: : : terial	: : : terial	: : : terial	: : : terial	: : : terial	: : : terial
	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.
1935	364	1,432	768	2,564	155	23	13	191	209	1,410	755	2,373
1936	194	1,365	706	2,265	175	27	16	218	19	1,337	690	2,047
1937	157	1,585	998	2,740	185	24	11	220	- 28	1,561	987	2,519
1938 1/	90	1,032	701	1,823	257	20	22	299	-167	1,012	679	1,524

1/ Preliminary.

Table 11.- Imports of animal fats and oils, United States, 1935-38.

Calendar year	Marine:				Tallow				Total			
	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.
		: Grease,	: animal:	: Oleo	: Stearine,							
	: Butter:	: wool	: oils	: oil	: animal:	: Edible:	: Inedible:		: Lard			
	: : : 1/	: : : 1/	: : : 1/	: : : 1/	: : : 2/	: : : 2/	: : : 2/					
	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.
1935	23	6	79	2	9	---	---	246	3/	364		
1936	10	7	94	3/	5	10	---	69	3/	194		
1937	11	5	123	3/	4	11	---	4	3/	157		
1938 4/	2	2	85	---	3/	3/	---	1	3/	90		

1/ Includes marine mammal, fish and fish-liver oils.

2/ Not reported prior to 1936.

3/ Less than 500,000 pounds.

4/ Preliminary.

Table 12.-Imports of vegetable fats and oils, United States, 1935-38

year	Cashew : nut	Cashew : oil 1/2	Castor : oil	Coco- : nut	Corn : oil	Cotton : seed	Hemp- : seed	Kapok : seed	Lin- : seed	Oiti- : cica	Olive oil	Edible : Inedible	Foots
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
1935	---	---	3/	353	26	177	3/	---	2	---	71	20	34
1936	---	---	3/	322	29	136	3/	15	1	3	61	12	17
1937	2	2	1	337	33	207	---	---	3/	4	48	5	22
1938 4/	---	---	3/	364	22	83	3/	---	3/	5	71	5	22

year	Ouri- : Palm	Palm : kernel	Peanut : oil	Per- : oil	Rape : oil	Soy- : bean	Sun- : flower	Teaseed : oil	Tung : oil	Vege- : table	Total
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
1935	---	298	59	81	72	14	37	5/	7	3/	1,432
1936	3/	339	20	49	118	4	25	8	8	3	1,365
1937	---	411	139	53	44	22	3/	27	175	8	1,585
1938 4/	---	271	3	16	32	3	3/	12	107	3/	1,032

1/ Not reported prior to 1936. 2/ Not reported prior to 1937. 3/ Less than 500,000 pounds. 4/ Preliminary.
5/ Exports from China and Hong Kong into the United States; not reported as imports into the United States prior to 1936.

Table 13.-Imports of raw materials (in terms of oil), United States, 1935-38

year	Calen- : dar	Babassu : nuts	Castor : beans	Copra : oil	Cotton : seed	Flax- : seed	Hemp- : seed	Kapok : seed	Palm : kernels	Perilla : seed	Rape- : seed	Sesame : seed	Soy- : seed	Total
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
1935	10	32	286	2/	325	17	2	23	1	3/	7	66	2/	768
1936	37	69	229	2/	284	14	2/	12	1	3/	6	53	4/	706
1937	35	62	339	---	518	4/	---	40	2/	---	---	5	4/	998
1938 5/	32	48	323	---	284	4/	---	11	2/	---	---	3	4/	701

1/ Not reported prior to 1935. 2/ Less than 500,000 pounds. 3/ Estimate of amount crushed. 4/ Not separately reported. 5/ Preliminary.

Table 14.- Exports of animal fats and oils, United States, 1935-38

Calendar year	Butter, in- clud- ing ship- ments	Lard and lard nou- tral, includ- ing ship- ments	Ma- rine ami- mal oils	Grease	Oleo oil	Neat's foot oil	Tallow	Edi- ble	In- edi- ble	Stea- rine, ani- mal	Oleo stock	Total
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
1935	6	115	15	3	9	1	1	-	1	3	155	
1936	6	137	11	2	9	1	1	3	1	4	175	
1937	6	163	3	2	6	1	1/	1	1	3	185	
1938 2/	8	234	2	3	5	1	1/	1/	1/	3	257	

1/ Less than 500,000 pounds.

2/ Preliminary.

Table 15.- Exports of vegetable fats and oils and oil equivalent of raw materials
United States, 1931-38

Calendar year	Vegetable fats and oils								Oil equivalent of raw material			
	Coco- nut oil	Corn oil	Cot- ton: seed oil	Lin- seed oil	Pea- nut oil	Soy- bean oil	Cas- tor oil	Total	Cot- ton: seed	Flax- seed	Soy- beans	Total
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
1931	18	1	24	1	-	5	1	49	-	-	1	1
1932	24	1	57	1	-	3	1/	85	-	-	35	35
1933	26	1	36	1	-	2	1/	66	-	-	2	2
1934	25	1	15	1	-	2	1/	45	-	-	1/	1/
1935	12	1	4	1	-	4	1/	23	-	-	13	13
1936	18	1	3	1	-	4	1	27	-	-	16	16
1937	9	1/	3	1	-	6	1	24	-	-	11	11
1938	2/ 7	1/	5	1	-	6	1	20	-	-	22	22

1/ Less than 500,000 pounds.

2/ Preliminary.

Stocks

Table 19.-Stocks of primary fats and oils, as of December 31, 1929 and 1935-38

Fat or oil	1929	1935	1936	1937	1938
	<u>Mil.lb.</u>	<u>Mil.lb.</u>	<u>Mil.lb.</u>	<u>Mil.lb.</u>	<u>Mil.lb.</u>
Vegetable oils, crude basis: <u>1/</u>					
Cottonseed	573	565	606	686	783
Coconut	194	153	76	178	217
Linseed	141	147	117	191	142
Palm	53	70	94	155	164
Tung	29	19	29	49	61
Corn	25	21	26	18	28
Soybean	16	31	34	62	77
Olive, edible	6	3	4	2	5
Palm-kernel	15	30	13	42	6
Peanut	5	30	29	25	28
Castor	14	8	12	19	17
Olive, foots	9	18	7	9	12
Rape	6	12	14	5	3
Olive, inedible	1	3	2	2	1
Perilla	---	13	20	24	14
Sesame	---	11	12	5	<u>2/</u>
Sunflower	---	1	<u>2/</u>	---	---
Hempseed	---	<u>3/</u> 8	<u>3/</u> 2	---	---
Oiticica	---	---	---	---	---
Babassu	---	---	2	3	2
Vegetable tallow	2	---	---	---	---
Total	1,088	1,144	1,099	1,475	1,559
Marine animal oils <u>4/</u>	118	214	217	216	259

Continued-

Table 19.-Stocks of primary fats and oils, as of December
31, 1929 and 1935-38 - continued

Fat or oil	1929	1935	1936	1937	1938
	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.	Mil.lb.
Animal fats:					
Butter	82	40	61	43	129
Tallow, inedible	100	296	244	196	195
Lard, including neutral:	82	53	146	54	107
Oleo oil	8	5	4	6	6
Stearine, animal, edible:	5	6	6	5	5
Tallow, edible	3	12	9	9	8
Neat's-foot	2	2	2	2	1
Total	282	413	472	315	451
Greases:					
Yellow	12	15	13	20	17
Brown	14	15	14	17	14
White	11	7	7	10	11
Garbage (house)	16	15	15	15	8
Bone	2	3	1	2	1
Tankage	4	2	4	5	3
Recovered ^{5/}	1	1	2	---	---
Other	3	3	3	5	5
Total	62	60	58	73	58
Wool grease	4	3	2	2	3
Total grease and wool:	67	64	60	75	61
Total all groups ..	<u>6/</u> 1,555	1,834	1,849	2,081	2,331
Other not specified	20	11	3	17	16
Crude oil equivalent of :					
raw materials	459	494	523	705	650
Other products ^{7/}	68	84	91	95	112
Grand total	2,102	2,423	2,466	2,899	3,109

^{1/} Refined oils have been converted to a crude-oil basis, dividing by the following factors: Babassu oil, cottonseed oil, corn oil, palm oil, and palm-kernel oil, 0.93; coconut oil, peanut oil, and soybean oil, 0.94.

^{2/} Less than 500,000 pounds.

^{3/} Estimate.

^{4/} Includes fish, fish-liver and marine-mammal oils; for computing changes in stocks in tables 1 and 3, stocks of marine-mammal oils in bonded warehouses have been deducted.

^{5/} Included with "all other" beginning 1937.

^{6/} Correction of typographical error in bulletin.

^{7/} Includes lard compounds and other lard substitutes, hydrogenated oils, red oil, inedible stearine, lard oil, and tallow oil.

Crushings

Table 21- Crushings of raw materials for the production of vegetable oils, United States, 1935-38

Item	1935	1936	1937	1938
	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>
Cottonseed	7,688,508	8,262,516	10,638,538	10,669,726
Peanuts, hulled <u>1/</u>	118,759	178,800	126,651	194,369
Copra	399,154	408,028	416,708	452,830
Coconuts and skins	3,302	3,984	3,546	2,118
Corn germs	405,840	518,690	392,946	426,430
Olives	4,572	30,436	15,480	32,836
Flaxseed	1,463,820	1,347,128	1,902,146	1,271,178
Castor beans	102,878	138,246	146,280	114,556
Soybeans	738,478	1,604,402	1,302,418	2,098,730
Mustard seed	1,320	<u>2/</u>	<u>2/</u>	<u>2/</u>
Sesame seed	138,166	107,394	<u>3/</u>	---
Babassu nuts and kernels	---	<u>4/</u> 61,554	52,012	46,620
Miscellaneous	142,286	95,560	84,326	42,170

1/ Peanuts in the hull have been converted to hulled basis by dividing by 1.5.2/ Not separately reported.3/ Included in "miscellaneous".4/ Not previously reported.

HydrogenationTable 22.-- Hydrogenated oils: Factory production and consumption, by quarters,
1935-39

Year	Production					Consumption				
	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1
	: to Mar.	: to June	: to Sept.	: to Dec.	: to Mar.	: to June	: to Sept.	: to Dec.	: to Mar.	: to June
	31	30	30	31	31	30	30	31	30	30
	1,000 lb.	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb
1935	745,391	132,348	159,928	210,030	688,308	170,627	145,864	180,458	191,359	
1936	885,953	135,692	194,661	254,284	809,417	170,935	179,264	228,208	231,011	
1937	753,693	135,832	172,863	215,600	669,036	161,330	159,533	163,988	184,130	
1938 1/	722,625	139,987	153,441	193,134	668,761	177,837	140,404	164,827	185,643	
1939 1/		204,367				192,612				

1/ Preliminary.

PRODUCTION, TRADE, STOCKS, AND DISAPPEARANCE

Vegetable Oils

Table 22a.--Babassu oil: Production, imports, stocks December 31, and apparent disappearance, 1935-38

Calendar year	Factory production	Imports for consumption	Stocks Dec. 31	Apparent disappearance
	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>
1935	:	:	:	<u>1/</u> 9,614
1936	: <u>2/</u> 37,541	403	<u>2/</u> 1,913	36,031
1937	: 32,816	330	3,219	31,840
1938 <u>3/</u>	: 29,503	<u>4/</u>	1,761	30,961

1/ Oil equivalent of imported nuts and kernels.2/ Crude and refined. Separate data not reported prior to 1937.3/ Preliminary.4/ Less than 500 pounds.

Compiled as follows: Factory production and stocks, Animal and Vegetable Fats and Oils, Bureau of the Census; production is crude, beginning 1937; stocks are crude plus refined converted to crude basis (dividing by 0.93), beginning 1937. Trade figures, Foreign Commerce and Navigation of the United States, Bureau of Foreign and Domestic Commerce. Apparent disappearance computed.

Table 22b.--Cashew nut-shell oil: Imports into the United States, 1937 and 1938

Calendar year	Imports
	<u>1,000 pounds</u>
1937	1,742
1938	1,585

Compiled from Foreign Commerce and Navigation of the United States, Bureau of Foreign and Domestic Commerce. No data are available for years prior to 1937.

Table 23.--Castor oil: Production, trade, stocks December 31, and apparent disappearance, 1935-38

(Net exports are indicated by a minus sign)

Calendar year	: Factory production 1/	: Imports for consumption 1/	: Exports	: Net imports or net exports	: Stocks Dec. 31	: Apparent disappearance
	: 1,000 lb.	: 1,000 lb.	: 1,000 lb.	: 1,000 lb.	: 1,000 lb.	: 1,000 lb.
1935	: 46,627	: 258	: 318	: - 60	: 7,983	: 50,861
1936	: 64,553	: 68	: 654	: - 586	: 12,163	: 59,787
1937	: 68,973	: 800	: 634	: 166	: 18,640	: 62,662
1938 2/	: 52,273	: 1	: 572	: - 571	: 17,187	: 53,155

1/ From imported and domestic seed, but mostly imported.

2/ Preliminary.

Table 24.--Castor oil and beans: Imports of oil, beans, and oil equivalent of beans, 1935-38

Calendar year	: Castor beans, net imports 1/	: Oil equivalent (42%)	: Imports for consumption	: Exports	: Total net imports
	: 1,000 lb.	: 1,000 lb.	: 1,000 lb.	: 1,000 lb.	: 1,000 lb.
1935	: 77,049	: 32,361	: 258	: 318	: 32,301
1936	: 164,077	: 68,912	: 68	: 654	: 68,326
1937	: 146,808	: 61,660	: 800	: 634	: 61,826
1938 2/	: 114,073	: 47,910	: 1	: 572	: 47,339

1/ Imports for consumption.

2/ Preliminary.

Table 25.--Castor beans crushed in the United States, annually and by quarters, 1935-39

Year	: Calendar year	: Year beginning July	: Jan.-Mar.	: Apr.-June	: July-Sept.	: Oct.-Dec.
	: 1,000 lb.	: 1,000 lb.	: 1,000 lb.	: 1,000 lb.	: 1,000 lb.	: 1,000 lb.
1935	: 102,878	: 123,494	: 31,592	: 17,918	: 22,526	: 30,842
1936	: 138,246	: 148,608	: 37,946	: 32,180	: 26,542	: 41,578
1937	: 146,280	: 118,430	: 43,634	: 36,854	: 27,128	: 38,664
1938 1/	: 114,556		: 30,912	: 21,726	: 23,804	: 38,114
1939 1/	:		: 38,324			

1/ Preliminary.

Table 26.-Coconut oil, crude: Production, net imports, stocks December 31, and apparent disappearance, 1935-38

Calendar year	Factory production	Net imports	Stocks Dec. 31	Apparent disappearance
	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>
1935	252,841	341,078	153,455	629,691
1936	258,383	304,320	75,873	640,285
1937	266,636	328,353	177,734	493,128
1938 <u>1/</u>	286,850	356,712	216,570	604,726

1/ Preliminary.

Table 29.-Coconut oil: Imports into the United States from the Philippine Islands and other sources, exports and net imports, 1935-38

Calendar year	Imports			Exports	Net Imports
	From Philippine Islands	From other sources	Total		
	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>
1935	353,396	10	353,406	12,328	341,078
1936	322,050	15	322,065	17,745	304,320
1937	337,325	51	337,376	9,023	328,353
1938 <u>1/</u>	363,919	21	363,940	7,228	356,712

1/ Preliminary.

Table 30.-Copra: Imports into the United States from the Philippine Islands and other sources, 1935-38

Calendar year	Imports <u>1/</u>					
	Raw material			Oil equivalent (63 percent)		
	From Philippine Islands	From other sources	Total	From Philippine Islands	From other sources	Total
	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>
1935	441,066	13,068	454,134	277,872	8,233	286,105
1936	356,758	6,727	363,485	224,758	4,238	228,996
1937	471,202	66,548	537,750	296,857	41,925	338,782
1938 <u>2/</u>	490,648	22,369	513,017	309,108	14,093	323,201

1/ Since there are no reexports, imports are equivalent to net imports.2/ Preliminary.

Table 31. - Copra and coconut oil: Imports into the United States from the Philippine Islands and other sources, exports and net imports, 1935-38

Calendar year	Total oil and oil equivalent of copra (63 percent)				
	From Philippine Islands	From other sources	Total imports	Exports	Net imports
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1935	631,268	8,243	639,511	12,328	627,183
1936	546,808	4,253	551,061	17,745	533,316
1937	634,182	41,976	676,158	9,023	667,135
1938 1/	673,027	14,114	687,141	7,228	679,913

1/ Preliminary.

Table 32.- Copra crushed in the United States, annually and by quarters, 1935-39

Year	Quantity crushed					
	Calendar year	Year beginning July	January - March	April - June	July - September	October - December
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1935	399,154	456,544	97,366	71,466	96,348	133,474
1936	408,028	364,944	113,324	112,898	98,328	83,478
1937	416,708	462,428	95,176	87,962	118,072	115,498
1938 1/	452,830		118,232	110,626	107,544	116,428
1939 1/			118,946			

1/ Preliminary.

Table 33.- Corn oil, crude: Production, trade, stocks, December 31, and apparent disappearance, 1935-38

Calendar year	(Net exports are indicated by a minus sign)					
	Production	Imports	Exports	Net exports or net imports	Stocks Dec. 31	Apparent disappearance
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1935	99,788	25,746	833	24,913	21,203	131,490
1936	127,171	28,672	929	27,743	25,507	150,610
1937	127,466	32,926	444	32,482	18,471	166,984
1938 1/	136,729	22,242	113	22,129	27,978	149,351

1/ Preliminary.

Table 34.-Corn oil: Production, trade, stocks September 30,
and apparent disappearance, 1934-35 to 1937-38

(Net exports are indicated by a minus sign)

Year	Factory			Net exports	Stocks at	Apparent
beginning	production	Imports	Exports	or net	end of	disap-
Oct.	of crude oil:			imports	period	pearance
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1934-35	96,642	23,443	902	22,541	21,892	125,303
1935-36	126,909	30,818	697	30,121	22,607	156,315
1936-37	124,617	32,489	690	31,799	17,793	161,230
1937-38 <u>1/</u>	131,171	24,094	99	23,995	25,660	147,299

1/ Preliminary.

Table 36.-Cottonseed oil, crude: Production, trade, stocks
December 31, and apparent disappearance, 1935-38

Calendar				Net	Stocks	Apparent
year	Production	Imports	Exports	imports	Dec. 31	disap-
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	pearance
1935	1,184,039	177,081	4,091	172,990	565,320	1,440,905
1936	1,247,298	136,310	3,149	133,161	606,042	1,339,737
1937	1,626,215	207,049	7,591	199,458	685,598	1,746,117
1938 <u>2/</u>	1,677,673	83,331	4,872	78,459	783,324	1,658,406

1/ Imports for consumption.

2/ Preliminary.

Table 37.-Cottonseed oil, crude: Production, trade, stocks July 31, and apparent disappearance, 1935-36 to 1937-38

Year beginning Aug.	Factory production	Imports	Exports	Net imports	Stocks at end of period	Apparent disappear- ance
	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>
1935-36	1,163,736	144,580	3,768	140,812	362,066	1,449,060
1936-37	1,363,978	224,059	3,725	220,334	485,391	1,460,987
1937-38 <u>2/</u>	1,961,486	69,388	7,791	61,597	558,487	1,949,987

1/ Imports for consumption.

2/ Preliminary.

Table 39.-Cotton: Acreage, yield per acre, and production, 1933-38
(1933-35 revised)

Calendar year	Acreage harvested	Average yield per acre	Production <u>1/</u>
	<u>1,000 acres</u>	<u>Pound</u>	<u>1,000 bales</u>
1933	29,383	212.7	13,047
1934	26,866	171.6	9,636
1935	27,509	185.1	10,638
1936	29,755	199.4	12,399
1937	33,623	269.9	18,946
1938 <u>2/</u>	24,248	235.8	11,943

1/ 500 pounds gross weight bales.

2/ Preliminary.

Table 40.-Cottonseed: Production, acreage, seed requirements, crushings, and oil produced, 1910-38

Year	:	:	:	:	:	:
	:	:	:	:	:	:
	: Produc-	: Average	: Seed	: Crushed, year	: Oil pro-	:
	: tion 1/	: yield per	: require-	: beginning Aug. 1	: duced,	:
	:	: acre 2/	: following:	: Total	: age of	: beginning
	:	:	: year	:	: produc-	: Aug. 1
	:	:	:	:	: tion 2/	:
	: 1,000	:	: 1,000	: 1,000	:	:
	: short ton	: Lb.	: short ton	: short ton	: Percent	: Mil. lb.
1910	: 5,156	: 327.3	: 564	: 4,106	: 79.6	: 1,260
1911	: 6,970	: 399.2	: 525	: 4,921	: 70.6	: 1,512
1912	: 6,087	: 373.9	: 561	: 4,580	: 75.2	: 1,393
1913	: 6,286	: 357.1	: 573	: 4,848	: 77.1	: 1,450
1914	: 7,155	: 401.8	: 483	: 5,780	: 80.8	: 1,719
1915	: 4,963	: 331.4	: 542	: 4,202	: 84.7	: 1,253
1916	: 5,085	: 307.5	: 518	: 4,479	: 88.1	: 1,408
1917	: 5,012	: 310.9	: 570	: 4,252	: 84.8	: 1,312
1918	: 5,341	: 304.9	: 548	: 4,479	: 83.9	: 1,325
1919	: 5,069	: 308.1	: 560	: 4,013	: 79.2	: 1,211
1920	: 5,966	: 346.8	: 466	: 4,069	: 68.2	: 1,309
1921	: 3,528	: 246.0	: 500	: 3,008	: 85.3	: 930
1922	: 4,330	: 276.1	: 568	: 3,242	: 74.9	: 1,003
1923	: 4,503	: 253.3	: 619	: 3,308	: 73.5	: 980
1924	: 6,050	: 306.3	: 700	: 4,605	: 76.1	: 1,404
1925	: 7,150	: 322.2	: 703	: 5,558	: 77.7	: 1,617
1926	: 7,989	: 358.2	: 604	: 6,306	: 78.9	: 1,888
1927	: 5,758	: 300.3	: 677	: 4,654	: 80.8	: 1,477
1928	: 6,435	: 303.3	: 684	: 5,061	: 78.6	: 1,604
1929	: 6,590	: 304.9	: 670	: 5,016	: 76.1	: 1,572
1930	: 6,191	: 291.7	: 607	: 4,715	: 76.2	: 1,442
1931	: 7,604	: 392.9	: 572	: 5,328	: 70.1	: 1,694
1932	: 5,784	: 322.3	: 622	: 4,621	: 79.9	: 1,446
1933	: 5,806	: 395.2	: 432	: 4,157	: 71.6	: 1,303
1934	: 4,282	: 318.8	: 437	: 3,550	: 82.9	: 1,109
1935	: 4,729	: 343.8	: 481	: 3,818	: 80.7	: 1,164
1936	: 5,511	: 370.4	: 534	: 4,498	: 81.6	: 1,364
1937	: 8,426	: 501.2	: 424	: 6,326	: 75.1	: 1,961
1938 3/	: 5,310	: 438.0				

1/ Estimated from the production of lint cotton, assuming 65 pounds of seed for each 35 pounds of lint (or 838 pounds to each 478 pound bale of lint). Refers to the cotton crop of the year stated.

2/ Computed in the Division of Statistical and Historical Research.

3/ Preliminary.

Estimated seed requirements have been revised since the publication of Bulletin 59.

Table 41.-Cottonseed crushed in the United States, by months, 1935-38

	: Calen-	: Year :	:	:	:	:	:	:	:	:	:	:	:	:
	: dar	: begin-	:	:	:	:	:	:	:	:	:	:	:	:
Year	: year 1/	: ning	: Aug.	: Sept.	: Oct.	: Nov.	: Dec.	: Jan.	: Feb.	: Mar.	: Apr.	: May	: June	: July
	: Aug.	:	:	:	:	:	:	:	:	:	:	:	:	:
	: 1,000	: 1,000	: 1000	: 1000	: 1000	: 1000	: 1000	: 1000	: 1000	: 1000	: 1000	: 1000	: 1000	: 1000
	: short	: short	: short	: short	: short	: short	: short	: short	: short	: short	: short	: short	: short	: short
	: tons	: tons	: tons	: tons	: tons	: tons	: tons	: tons	: tons	: tons	: tons	: tons	: tons	: tons
	:	:	:	:	:	:	:	:	:	:	:	:	:	:
1935	: 3,844	: 3,818	: 143	: 437	: 748	: 628	: 522	: 458	: 347	: 254	: 133	: 71	: 40	: 37
1936	: 4,132	: 4,498	: 103	: 595	: 747	: 681	: 666	: 572	: 421	: 317	: 179	: 104	: 75	: 38
1937	: 5,319	: 6,326	: 182	: 797	: 952	: 890	: 792	: 710	: 635	: 543	: 336	: 206	: 155	: 127
1938	2/ 5,340		: 223	: 576	: 665	: 630	: 534	: 451	: 367	: 399	: 256	: 199		
	:	:	:	:	:	:	:	:	:	:	:	:	:	:

1/ Sum of monthly figures as rounded to thousands.

2/ Preliminary.

Table 42.-Cottonseed: Imports, exports, and net exports, 1935-38 1/

(Net exports are indicated by a minus sign)

Year	Imports for consumption	Oil equivalent (15 percent)	Raw material	Exports	Oil equivalent (15 percent)	Raw material	Net imports or net exports	Oil equivalent (15 percent)	Raw material
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1935	11	2	---	---	---	---	11	2	---

1/ Less than 500 pounds reported 1936-38.

Table 43.-Hempseed and hempseed oil: Imports and production, 1935-38

Year	Hempseed for consumption	Hempseed oil Factory production	Imports for consumption
	1,000 lb.	1,000 lb.	1,000 lb.
1935	116,682 1/	17,077	340
1936	62,911	13,720	1
1937	2/ 477	3/	---
1938	4/ 2/ 514	3/	1

1/ Not previously reported.

2/ Believed not crushed, but used largely as birdseed.

3/ Not separately reported.

4/ Preliminary.

Table 44.-Kapok seed and kapok oil: Imports, 1935-38

Year	Imports for consumption, kapok seed	Oil equivalent (18 percent)	Imports of kapok oil
	1,000 lb.	1,000 lb.	1,000 lb.
1935	12,657	2,278	---
1936	1,930	347	15,157
1937	---	---	---
1938	1/	---	---

1/ Preliminary.

Table 45.-Linseed oil: Production, trade, stocks, December 31, and apparent disappearance, 1935-38

(Net exports are indicated by a minus sign)

Calendar year	Production	Net exports or net imports	Stocks, Dec. 31	Apparent disappearance
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1935	502,043	1,246	146,526	470,484
1936	455,959	- 213	117,300	484,972
1937	665,099	- 585	191,483	590,331
1938 <u>1/</u>	440,614	- 767	141,803	489,527

1/ Preliminary.

Table 46.-Linseed oil: Imports, exports, and net imports, 1935-38

(Net exports are indicated by a minus sign)

Calendar year	Imports	Exports	Linseed oil	Net imports: Flaxseed, oil equivalent	Total
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1935	2,232	986	1,246	324,503	325,749
1936	760	973	- 213	283,946	283,733
1937	402	987	- 585	518,027	517,442
1938 <u>1/</u>	123	890	- 767	283,919	283,152

1/ Preliminary.

Table 48.- Linseed oil: Production, trade, stocks June 30, and apparent disappearance, year beginning July, 1919-21 and 1933-37

(Net exports are indicated by a minus sign)

Year beginning July	: Factory production	: Net exports or net imports	: Stocks at end of period	: Apparent disappearance
	: <u>1,000 lb.</u>	: <u>1,000 lb.</u>	: <u>1,000 lb.</u>	: <u>1,000 lb.</u>
1919-20 <u>1/</u>	: 507,815	25,563	<u>2/</u> 64,371	523,102
1920-21	: 484,313	10,764	83,707	475,741
1921-22 <u>1/</u>	: 440,424	165,919	97,063	592,987
1933-34 <u>1/</u>	: 442,796	<u>3/</u> 9,984	128,406	410,851
1934-35	: 404,060	2,291	104,949	429,808
1935-36	: 505,530	139	140,754	469,864
1936-37	: 587,093	- 644	142,462	584,741
1937-38 <u>4/</u>	: 504,810	- 578	145,932	500,762

1/ Revised. 2/ Stocks June 30, 1919, were 54,095,000 pounds.3/ Imports for consumption, beginning 1933-34. 4/ Preliminary.

Table 49.- Linseed oil: Imports, exports, reexports, and net exports or net imports, year beginning July, 1917-21 and 1933-37

(Net exports are indicated by a minus sign)

Year beginning July	: Imports for consumption <u>1/</u>	: Exports	: Net exports or net imports		
	: <u>1,000 lb.</u>	: <u>1,000 lb.</u>	: Linseed oil	: Flaxseed oil: equivalent	: Total
	: <u>1,000 lb.</u>	: <u>1,000 lb.</u>	: <u>1,000 lb.</u>	: <u>1,000 lb.</u>	: <u>1,000 lb.</u>
1917-18 <u>2/</u>	: 381	8,909	- 8,548	246,600	238,052
1918-19 <u>2/</u>	: 7,424	8,222	- 811	155,440	154,629
1919-20 <u>2/</u>	: 34,128	8,523	25,563	431,378	456,941
1920-21	: 14,974	4,210	10,764	298,802	309,566
1921-22 <u>2/</u>	: 168,705	2,744	165,919	251,879	417,798
1933-34 <u>2/</u>	: 10,680	696	9,984	330,897	340,881
1934-35	: 3,086	795	2,291	283,331	285,622
1935-36	: 1,161	1,022	139	284,375	284,514
1936-37	: 452	1,096	- 644	482,253	481,609
1937-38 <u>3/</u>	: 243	821	- 578	330,063	329,485

1/ Imports for consumption beginning 1933-34. 2/ Revised. 3/ Preliminary.

Reexports are almost negligible, totaling 6,000 pounds in 1912; 2,000 pounds in 1914; 20,000 pounds in 1918; 12,000 pounds in 1919; 42,000 pounds in 1920; 42,000 pounds in 1922, and less than 500 pounds in other years.

Table 50.-Flaxseed: Acreage, production, yield per acre, seed requirements, trade, stocks
July 1, and crushings, 1925-38
(1925-35 revised)

Year	Acreage		Average: Seed		Stocks, July 1		Crush-		Total		Total		Total	
	Seed-	Har-	Product-	yield	require:	Factory:	Market	or com-	Crush-	ings	supply:	account:	Balance	
	ed	vested	tion	per	ments	or	or	crush-	mercials	ings	ings	ed	for 4/	
	acres	acres	bu.	Bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	
1925	3,100	3,022	22,334	7.4	1,551	19,354	2,256	617	1,100	3,973	38,037	45,661	44,301	
1926	2,923	2,736	18,531	6.8	1,491	24,224	2,707	1,304	702	4,713	40,582	47,468	47,723	
1927	2,819	2,763	25,174	9.1	1,430	18,112	3,490	1,445	715	5,650	43,243	48,936	48,843	
1928	2,702	2,611	19,118	7.3	1,738	23,494	3,034	781	355	4,170	39,595	46,782	46,352	
1929	3,363	3,049	15,924	5.2	2,317	19,652	3,605	434	980	5,019	35,504	40,595	41,043	
1930	4,466	3,780	21,673	5.7	1,959	7,813	2,328	433	461	3,222	27,054	32,708	31,496	
1931	3,724	2,431	11,755	4.8	1,422	13,849	1,198	802	483	2,483	23,700	28,087	28,022	
1932	2,691	1,988	11,511	5.3	990	6,213	1,459	901	540	2,900	17,370	20,624	20,460	
1933	1,812	1,341	6,904	5.1	871	17,901	854	960	286	2,100	23,006	26,905	26,390	
1934	1,588	995	5,661	5.7	1,278	15,332	1,421	646	446	2,513	20,720	23,506	24,179	
1935	2,392	2,096	14,520	6.9	1,369	15,338	1,464	344	373	2,181	26,544	32,089	31,244	
1936	2,548	1,126	5,273	4.7	708	26,096	2,222	743	366	3,331	30,340	34,700	34,387	
1937	1,346	934	7,089	7.6	627	17,861	2,484	630	225	3,339	25,870	28,289	28,696	
1938	1,096	954	8,171	8.6	700		1,472	552	175	2,199				

See Bulletin No. 59 for notes.

Table 51.- Flaxseed: Production, seed requirements, and oil equivalent, 1909-38 (1909-35 revised)

Year	Production	Seed requirements for following year	Production minus seed requirements for following year	Oil equivalent	Oil equivalent as percentage of total disappearance of oil, year beginning July 3/
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 lb.	Percent
1909	19,511	1,376	18,135	335,135	77
1910	11,384	1,445	9,939	183,673	45
1911	18,537	1,527	17,010	314,345	71
1912	28,139	1,028	27,111	501,011	85
1913	15,099	818	14,281	263,913	63
1914	12,940	580	12,360	228,413	54
1915	11,270	670	10,600	195,888	49
1916	11,829	1,081	10,748	198,623	47
1917	8,402	927	7,475	138,138	37
1918	12,779	812	11,967	221,150	58
1919	6,770	913	5,857	108,237	21
1920	10,900	631	10,269	189,771	40
1921	8,107	597	7,510	138,785	23
1922	10,520	1,079	9,441	174,470	26
1923	16,563	1,864	14,699	271,638	39
1924	31,220	1,633	29,587	546,768	76
1925	22,334	1,551	20,783	384,070	54
1926	18,531	1,491	17,040	314,899	43
1927	25,174	1,430	23,744	438,789	57
1928	19,118	1,738	17,380	321,182	40
1929	15,924	2,317	13,607	251,457	38
1930	21,673	1,959	19,714	364,315	70
1931	11,755	1,422	10,333	190,954	48
1932	11,511	990	10,521	194,428	56
1933	6,904	871	6,033	111,490	27
1934	5,661	1,278	4,383	80,993	19
1935	14,520	1,369	13,151	243,030	52
1936	5,273	708	4,565	84,361	14
1937	7,089	627	6,462	119,418	24
1938 ^{4/}	8,171	700	7,471	138,061	

See Bulletin No. 59 for notes 1 and 2.

^{3/} See table 48.^{4/} Preliminary.

Table 52.- Flaxseed: Imports, 1935-38

Calendar year	Imports		Net imports	
	Raw	Oil	Raw	Oil
	material	equivalent	material	equivalent
	1,000 bu.	1,000 lb.	1,000 bu.	1,000 lb.
1935	17,560	324,503	17,560	324,503
1936	15,365	283,946	15,365	283,946
1937	28,032	518,027	28,032	518,027
1938 <u>1/</u>	15,364	283,919	15,364	283,919
<u>1/</u> Preliminary.				

Table 53.- Flaxseed: Imports, exports, and net exports or net imports,
1935-36 to 1937-38
(Net exports are indicated by a minus sign)

Year beginning July-	Imports		Exports		Net exports or net imports	
	Raw	Oil	Raw	Oil	Raw	Oil
	material	equivalent	material	equivalent	material	equivalent
	1,000 bu.	1,000 lb.	1,000 bu.	1,000 lb.	1,000 bu.	1,000 lb.
1935-36	15,388	284,375	-	-	15,388	284,375
1936-37	26,096	482,253	-	-	26,096	482,253
1937-38 <u>1/</u>	17,861	330,063	-	-	17,861	330,063
<u>1/</u> Preliminary.						

Table 54.- Flaxseed crushed in the United States, annually and
by quarters, 1935-39

Year	Calendar year	Year be- ginning July	January- March	April- June	July- September	October- December
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
1935	26,140	26,544	5,754	6,104	5,998	8,284
1936	24,056	30,340	7,094	5,168	4,862	6,931
1937	33,967	25,870	8,175	10,372	7,666	7,754
1938	22,699		6,461	3,989	5,043	7,206
1939 <u>1/</u>			7,112			
<u>1/</u> Preliminary.						

Table 55.- Mustard seed: Crushings, stocks Dec. 31, and imports
(Not separately reported after 1935)

Table 55a.- Oiticica oil: Imports into the United States, 1936-38

Calendar year	Imports ^{1/}
	<u>1,000 lb.</u>
1936	2,892
1937	3,631
1938	5,301

^{1/} Not separately reported prior to January 1936. Private sources estimate imports of oiticica oil for 1935 at 2,000,000 pounds.

Compiled from official records of the Bureau of Foreign and Domestic Commerce.

Table 56.- Olive oil, edible: Production, trade, stocks Dec. 31, and apparent disappearance, 1935-38

Calendar year	Factory production	Imports	Net imports	Stocks Dec. 31	Apparent disappearance
	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>
1935	664	70,789	70,789	2,986	70,279
1936	4,498	60,972	60,972	4,099	64,357
1937	2,324	48,343	48,343	2,468	52,298
1938 ^{1/}	4,742	71,086	71,086	4,950	73,346

^{1/} Preliminary.

Table 57.- Olive oil, inedible: Production, net imports, stocks Dec. 31, and apparent disappearance, 1935-38

Calendar year	Factory production	Net imports	Stocks, Dec. 31	Apparent disappearance
	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>
1935	8	19,743	2,527	18,849
1936	-	12,045	2,498	12,074
1937	^{1/}	4,870	1,697	5,671
1938 ^{2/}	3	5,444	862	6,282

^{1/} Less than 500 pounds.

^{2/} Preliminary.

Table 58.- Olive oil foots: Net imports, stocks Dec. 31, and apparent disappearance 1935-38

Calendar year	Met in-ports 1,000 pounds	Stocks, Dec. 31 1,000 pounds	Apparent disappearance 1,000 pounds
1935	33,797	18,095	31,504
1936	17,401	7,022	28,474
1937	22,101	8,547	20,576
1938 <u>1/</u>	22,356	12,420	18,483

1/ Preliminary.

Table 59.- Olives, California: Production, percentage crushed for oil, domestic production of olive oil, and production of oil as a percentage of disappearance, 1920-38 (1920-35 revised)

Calendar year	Olives		Olive oil, edible	
	Production	Percentage crushed for oil	Factory production	As percentage of total disappearance
	1,000 lb.	Percent	1,000 lb.	Percent
1920	16,000	26.6	643	2.0
1921	17,000	38.7	974	1.9
1922	19,400	20.7	585	1.0
1923	34,000	12.9	574	0.7
1924	13,000	89.0	1,509	1.9
1925	30,000	12.9	532	0.6
1926	24,400	38.2	1,383	1.7
1927	41,600	13.8	853	1.2
1928	44,000	28.6	1,433	1.7
1929	42,000	16.6	1,003	1.0
1930	40,000	36.9	2,184	2.4
1931	31,000	34.0	1,649	2.2
1932 <u>1/</u>	44,000	14.4	860	1.2
1933	28,000	50.9	2,103	2.9
1934	35,400	19.9	1,035	1.7
1935	64,000	7.1	564	0.9
1936	54,000	56.2	4,498	7.0
1937	56,000	27.6	2,324	4.4
1938 <u>2/</u>	80,000	41.0	4,742	6.5

1/ Production of olives for 1932 includes 10,400,000 pounds not harvested on account of market conditions.2/ Preliminary.

Table 61.- Palm-kernel oil and palm kernels: Imports, stocks Dec. 31, and apparent disappearance, 1935-38

Calendar year	Net imports of palm-kernel oil			Imports of palm kernels		Stocks, Dec. 31	Apparent disappearance
	Edible	Inedible	Total	Kernels	Oil equivalent (45 percent)		
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1935	7,978	50,592	58,570	50,073	22,533	30,261	55,203
1936	7,618	12,523	20,141	27,443	12,349	12,583	50,168
1937	11,537	127,819	139,356	88,291	39,731	41,882	149,788
1938 1/	2,383	186	2,569	24,340	10,953	6,484	48,920

1/ Preliminary.

Table 62.- Palm oil, crude: Imports, stocks Dec. 31, and apparent disappearance, 1935-38

Calendar year	Imports	Net imports	Stocks, Dec. 31	Apparent disappearance
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1935	297,579	297,579	69,528	305,020
1936	338,789	338,789	93,795	314,522
1937	411,112	411,112	154,964	349,943
1938 1/	271,325	271,325	163,850	262,439

1/ Preliminary.

Table 64.- Peanut oil: Production, trade, stocks Dec. 31, and apparent disappearance, 1935-38

Calendar year	Production 1/	Imports 2/	Stocks, Dec. 31	Apparent disappearance
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1935	44,673	80,723	30,321	122,235
1936	70,214	49,006	29,215	120,326
1937	50,756	53,255	24,698	108,528
1938 3/	78,152	15,553	27,557	90,846

1/ From domestic material. It is believed that imported peanuts are not used for crushing.

2/ Excludes free for export beginning 1937.

3/ Preliminary.

Table 65.- Peanut oil, crude: Production, trade, stocks Sept. 30, and apparent disappearance, 1934-35 - 1937-38

Year beginning October -	Factory production 1/	Imports 2/	Stocks at end of period	Apparent disappearance
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1934-35	55,595	73,792	33,068	98,479
1935-36	64,299	53,885	17,042	134,210
1936-37	77,912	55,747	35,858	114,843
1937-38 <u>3/</u>	66,962	9,944	21,729	91,035

1/ From domestic material. It is believed that imported peanuts are not used for crushing.

2/ Excludes free for export beginning 1936-37.

3/ Preliminary.

Table 66.- Peanuts, shelled basis: Crushings in the United States, by quarters, 1935-39

Year	Calendar year	Year beginning October	January- March	April- June	July- September	October- December
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1935	118,759	160,149	32,022	10,396	4,346	71,995
1936	178,800	196,800	48,087	30,150	9,917	90,647
1937	126,651	167,682	77,022	22,177	6,954	20,498
1938	194,369		55,698	78,693	12,793	47,185
1939 <u>1/</u>			65,165			

1/ Preliminary.

Table 67.- Peanuts, basis in the shell: Crushings in the United States, by quarters, 1934-39 (1934-35 revised)

Year	Calendar year	Year beginning October	January- March	April- June	July- September	October- December
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1934	183,314	220,292	11,897	15,164	8,118	150,135
1935	178,139	240,223	48,033	15,594	6,519	107,993
1936	268,200	295,199	72,130	45,225	14,875	135,970
1937	189,976	251,523	115,533	33,265	10,431	30,747
1938	291,554		83,547	118,039	19,190	70,778
1939 <u>1/</u>			97,747			

1/ Preliminary.

Table 63.- Peanuts: Acreage, yield per acre, production, and quantity crushed for oil, 1919-38 (1919-35 revised)

Year	Nuts gathered			Peanuts crushed, year beginning October	
	Acreage	Yield per acre	Production ^{1/}	Total ^{1/}	As percent- age of production
	<u>1,000 acres</u>	<u>Pounds</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>Percent</u>
1919	957	719	688,270	35,215	5.1
1920	995	699	695,842	111,779	16.1
1921	980	692	678,200	115,157	17.0
1922	821	637	523,345	31,627	6.0
1923	797	713	568,150	18,239	3.2
1924	1,084	658	712,815	68,335	9.6
1925	996	725	721,660	50,071	6.9
1926	850	770	652,190	35,006	5.3
1927	1,036	777	844,220	60,816	7.2
1928	1,213	695	843,505	56,048	6.6
1929	1,282	712	898,197	120,764	13.4
1930	1,073	650	697,350	69,630	10.0
1931	1,440	733	1,055,815	51,464	4.9
1932	1,501	627	941,195	65,428	7.0
1933	1,217	673	819,620	45,000	5.5
1934	1,488	679	1,009,950	220,282	21.8
1935	1,473	779	1,147,225	240,223	20.9
1936	1,606	730	1,253,090	295,199	23.6
1937	1,500	816	1,224,190	251,523	20.5
1938 ^{2/}	1,713	764	1,309,400		

^{1/} In-the-shell basis.^{2/} Preliminary.

Table 69.- Perilla seed and oil: Imports, stocks Dec. 31, and apparent disappearance, 1935-38

Calendar year	Imports for consumption				Stocks Dec. 31	Apparent disappear- ance
	Seed	Oil equivalent (37 percent)	Oil	Total		
	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>	<u>1,000 lb.</u>
1935	2,733	1,030	72,328	73,358	12,873	64,257
1936	3,743	1,385	117,903	119,288	19,761	112,400
1937	200	74	43,591	43,665	23,694	39,732
1938 ^{1/}	2	1	31,821	31,822	13,622	41,894

^{1/} Preliminary.

Table 70.- Rape oil: Imports, stocks December 31, and apparent disappearance, 1935-38

Year	Imports	Stocks Dec. 31	Apparent disap- pearance
	1,000 lb.	1,000 lb.	1,000 lb.
1935	60,298	12,233	1/ 67,549
1936	63,201	14,214	1/ 67,220
1937	5,854	5,002	15,066
1938 2/	5,960	2,959	8,003

1/ Includes 6,600,000 pounds oil equivalent of imported seed probably crushed in 1935, and 6,000,000 pounds in 1936.

2/ Preliminary.

Table 71.- Sesame seed and oil: Production, imports for consumption, stocks December 31, and apparent disappearance, 1935-38

Sesame seed							
Calendar year	Imports			Calendar year	Imports		
	Seed	Oil	Total oil:		Seed	Oil	Total oil
		equiv-	equiv-			equiv-	equiv-
		alent	alent			alent	alent
		(45 pct)	and oil			(45 pct)	and oil
	1,000 lb.	1,000 lb.	1,000 lb.		1,000 lb.	1,000 lb.	1,000 lb.
1935	146,394	65,877	66,248	1937	11,065	4,979	43,999
1936	117,795	53,008	56,374	1938 1/	6,816	3,067	10,107
Sesame oil							
	Imports				Imports		
	Factory production:	Inedible	Edible		Total	Stocks, Dec. 31:	Apparent disappear- ance
	1,000 lb.	1,000 lb.	1,000 lb.		1,000 lb.	1,000 lb.	1,000 lb.
1935	64,977	11	360	371	11,322	56,682	
1936	51,261	49	3,317	3,366	11,573	54,376	
1937	2/ 4,979	3/	39,020	39,020	5,485	50,087	
1938 1/	2/ 3,067	--	7,040	7,040	205	15,387	

1/ Preliminary.

2/ Oil equivalent of imports of raw materials; factory production not separately reported.

3/ Less than 500 pounds.

Table 72.-Soybean oil, crude: Production, trade, stocks, December 31, and apparent disappearance, 1935-38

Calendar year	Factory production	Imports 1/	Exports	Net imports 1/	Stocks Dec. 31	Apparent disappearance
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1935	105,056	14,249	4,111	10,138	31,090	103,111
1936	225,297	4,217	3,954	263	34,416	222,234
1937	194,411	22,259	5,748	16,511	62,317	183,021
1938 2/	323,343	2,856	6,412	3/-3,556	76,709	305,395

1/ Excludes free for export beginning 1936.

2/ Preliminary.

3/ Net exports.

Table 73.-Soybean oil, crude: Production, trade, stocks September 30, and apparent disappearance, 1934-35 to 1937-38

Year beginning Oct.	Factory production	Imports 1/	Exports	Net imports 1/	Stocks at end of period	Apparent disappearance
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1934-35	78,123	13,320	3,811	9,509	14,226	88,260
1935-36	208,965	6,720	4,396	2,324	39,172	186,343
1936-37	183,711	21,789	4,884	16,905	36,077	203,711
1937-38 2/	279,279	3,198	6,656	3/-3,458	56,657	255,241

1/ Excludes free for export beginning 1935-36.

2/ Preliminary.

3/ Net exports.

Table 74.-Soybeans: Acreage, yield per acre, production, and quantity crushed, 1935-38

Year	Equivalent of total solid acreage 1/	Soybean acreage (except for hay) 2/	Acreage from which beans are gathered 3/	Yield per acre	Production	Beans gathered	Beans crushed, year beginning October	As percentage of beans gathered
	1,000 acres	1,000 acres	1,000 acres	Bushels	1,000 bu.	1,000 bu.	Percent	
1935	7,111	3,111	2,697	16.5	44,378	25,181	56.7	
1936	6,646	3,395	2,132	14.1	29,983	20,619	68.8	
1937	7,005	3,525	2,549	17.8	45,272	30,310	67.0	
1938 4/	7,789	4,147	2,898	19.9	57,665			

See Bulletin 59 for notes 1 to 3.

4/ Preliminary.

Table 75.- Quantity of soybeans crushed in the United States, annually and by quarters, 1935-39

Year	: Calendar year	: Year beginning October	: January-March	: April-June	: July-September	: October-December
	: 1,000 bu.	: 1,000 bu.	: 1,000 bu.	: 1,000 bu.	: 1,000 bu.	: 1,000 bu.
1935	: 12,308	: 25,131	: 2,662	: 2,239	: 2,198	: 5,209
1936	: 26,740	: 20,619	: 7,832	: 6,792	: 5,348	: 6,768
1937	: 21,707	: 30,310	: 6,780	: 4,352	: 2,719	: 7,857
1938	: 34,979		: 8,932	: 6,925	: 6,596	: 12,526
1939 1/			: 13,169			

1/ Preliminary.

Table 76.- Soybeans: Imports for consumption and exports, 1935-38

Calendar year	: Imports for consumption	: Inspected for export
	: 1,000 bu.	: 1,000 bu.
1935	: 4	: 1,570
1936	: 3	: 1,320
1937	: 17	: 1,431
1938 2/	: 3	: 2,052

1/ Beginning 1937, domestic exports.

2/ Preliminary.

Table 77.- Sunflower oil: Imports, stocks Dec. 31, and apparent disappearance, 1935-38

Calendar year	Imports for consumption			Stocks, Dec. 31	Apparent disappearance	Imports of seed 1/
	: Edible	: Inedible	: Total	: 1,000 lb.	: 1,000 lb.	: 1,000 lb.
1935	: 37,052	: 207	: 37,259	: 1,024	: 36,874	: 665
1936	: 24,714	: 541	: 25,255	: 250	: 26,029	: 514
1937	: 172	: 307	: 479	: ---	: 729	: 496
1938 2/	: 2	: 75	: 77	: ---	: 77	: ---

1/ Small quantities of sunflower seed are imported for roasting, planting, etc., but practically none for crushing.

2/ Preliminary.

Table 78-a.- Teaseed oil: Imports into the United States,
chiefly from Hongkong, 1936-38

Calendar year	:	Imports
	:	<u>1,000 lb.</u>
1936	:	<u>1/</u> 7,904
1937	:	<u>2/</u> 27,492
1938 <u>3/</u>	:	11,855

1/ Includes 20,810 pounds from Kwantung, and 20,318 pounds from the Netherlands.

2/ Includes 112,899 pounds from Kwantung.

3/ Preliminary.

Compiled from Foreign Commerce and Navigation of the United States. Not separately reported prior to 1936

Table 79.- Tung oil: Imports, stocks Dec. 31,
and apparent disappearance, 1935-38

Calendar year	:	Imports for consumption	:	Stocks, Dec. 31	:	Apparent disappearance
	:	<u>1,000 lb.</u>	:	<u>1,000 lb.</u>	:	<u>1,000 lb.</u>
1935	:	120,059	:	19,008	:	132,546
1936	:	134,830	:	28,981	:	124,857
1937	:	174,885	:	48,656	:	155,210
1938 <u>1/</u>	:	107,456	:	61,189	:	94,923

1/ Preliminary.

Table 82.- Vegetable tallow: Imports, and apparent disappearance,
1935-38

Calendar year	:	Imports for consumption	:	Apparent disappearance
	:	<u>1,000 lb.</u>	:	<u>1,000 lb.</u>
1935	:	81	:	81
1936	:	2,977	:	2,977
1937	:	8,098	:	8,098
1938 <u>1/</u>	:	274	:	274

1/ Preliminary.

Animal fats and oils

Table 83.-Butter: Production, trade, stocks, December 31, and apparent disappearance, 1929-38 (1929-35 revised)

(Net exports are indicated by a minus sign)

Calendar year	Production	Factory	Farm	Imports	Exports	Re-exports	Net imports or net exports	Shipments to non-contiguous territories	Apparent disappearance in stocks contained in Dec. 31, United States
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1929	2,160,156	1,618,092	542,064	2,773	3,724	188	- 1,139	3,672	81,935
1930	2,120,232	1,597,747	522,485	2,472	2,954	15	- 497	4,074	63,401
1931	2,214,447	1,667,452	546,995	1,882	1,984	23	- 125	4,564	26,643
1932	2,282,882	1,694,132	588,750	1,014	1,605	1	- 592	4,745	22,043
1933	2,349,033	1,762,688	586,345	1,022	1,191	77	- 246	5,329	111,249
1934	2,253,357	1,694,708	558,649	1,253	1,220	---	33	5,424	47,175
1935	2,183,900	1,632,380	551,520	22,675	958	---	21,717	5,535	40,117
1936	2,152,387	1,629,407	522,980	9,874	826	---	9,048	5,297	61,234
1937	2,132,311	1,623,971	508,340	11,111	800	---	10,311	5,312	42,953
1938 2/	2,296,508	1,788,268	508,340	1,624	1,959	---	335	6,300	128,872
									2,204,054

1/ Imports for consumption, beginning January 1934. 2/ Preliminary.

Table 84.-Grease: Production, exports, and stocks December 31, 1935-38

Calendar year	Total production	Stocks Dec. 31	Production corrected for changes in stocks	Exports of other animal greases and fats	Balance
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1935	258,509	60,199	268,651	14,731	253,920
1936	307,815	57,852	310,162	11,449	298,713
1937	303,073	72,918	288,007	3,415	284,592
1938	322,134	58,383	336,669	1,899	334,770

1/ Includes "recovered" grease which was separately reported prior to 1937.

Table 85.-Grease: Production and stocks December 31, 1935-38

Calendar year	Grease, white				Grease, yellow				Grease, brown			
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
	Factory	Stocks	Production	corrected	Factory	Stocks	Production	corrected	Factory	Stocks	Production	corrected
	production:	Dec. 31	for	production:	Dec. 31	for	production:	Dec. 31	for	production:	Dec. 31	for
	:	:	changes	:	:	changes	:	changes	:	changes	:	changes
	:	:	in stocks	:	:	in stocks	:	in stocks	:	in stocks	:	in stocks
1935	31,487	6,554	36,729	62,499	14,623	63,244	52,038	15,177	53,310	13,948	62,244	57,105
1936	52,993	7,082	52,465	68,192	13,286	69,529	61,015	13,948	62,244	16,777	57,105	63,483
1937	43,598	9,996	40,684	67,004	19,541	60,749	59,934	16,777	57,105	14,158	63,483	
1938 2/	54,462	10,562	53,896	76,767	16,521	79,787	60,864	14,158	63,483			
	Grease, bone				Grease, tankage				Grease, garbage or house			
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
	Factory	Stocks	Production	corrected	Factory	Stocks	Production	corrected	Factory	Stocks	Production	corrected
	production:	Dec. 31	for	production:	Dec. 31	for	production:	Dec. 31	for	production:	Dec. 31	for
	:	:	changes	:	:	changes	:	changes	:	changes	:	changes
	:	:	in stocks	:	:	in stocks	:	in stocks	:	in stocks	:	in stocks
1935	23,368	2,632	21,877	36,827	2,460	37,334	40,352	14,873	41,764	11,938	2,514	13,626
1936	24,784	821	26,595	40,403	3,585	39,278	45,274	14,563	45,584	15,154	2,787	14,881
1937	22,024	1,852	20,993	44,194	4,639	43,140	47,685	14,962	47,286	18,634	5,151	18,050
1938 2/	24,601	1,255	25,198	42,474	2,701	44,412	45,682	8,497	52,147	17,284	4,689	17,746

1/ Includes "recovered" grease beginning 1937.

2/ Preliminary.

Table 86.- Grease, wool: Production, imports, stocks
Dec. 31, and apparent disappearance, 1935-38

Calendar year	Production:	Imports	Stocks, Dec. 31	Apparent disappearance
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1935	9,654	5,627	3,470	15,371
1936	6,922	6,570	2,342	14,620
1937	7,511	4,694	1,877	12,670
1938 <u>1/</u>	5,324	1,786	3,042	5,945
<u>1/</u> Preliminary.				

Table 87.- Lard, including neutral lard. Production, trade, stocks December 31,
and apparent disappearance, 1900-1938 (1900-35 revised)

Calendar year	Production	Imports	Exports	Net exports	Shipments:	Total net	Stocks, Dec. 31	Apparent disappear- ance in Continental U. S.
	Federally inspected	Other	Total	1/ 1/	to non- contig- uous ter- ritories:	: to non- : contig- : uous ter- : ritories:	: Total net : exports : and ship- : ments	: disappear- : ance in : Dec. 31 : Continental : U. S.
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1900	954,691	677,758	1,632,449		3/ 5,654	615,127		1,017,322
1901	950,368	679,711	1,630,079		4/ 6,000	613,266		1,016,813
1902	807,075	663,823	1,476,903		5/ 6,311	510,472		966,431
1903	851,474	661,322	1,512,796		3,557	538,933		973,863
1904	948,471	673,740	1,622,211		5,139	568,659		1,053,552
1905	1,035,288	690,007	1,725,295		4,118	705,797		1,019,498
1906	1,011,204	707,192	1,718,396		4,749	682,981		1,035,415
1907	1,048,475	723,751	1,772,226		3,144	592,412		1,179,814
1908	1,142,055	748,644	1,890,699		2,714	584,648		1,306,051
1909	895,945	715,805	1,611,750		2,566	460,827		1,150,923

Continued -

Table 87.- Lard, including neutral lard. Production, trade, stocks December 31, and apparent disappearance, 1900-1938 (1900-1935 revised) - continued

Calendar year	Production		Imports:	Exports	Net exports	Shipments:		Total net exports and shipments	Stocks, Dec. 31	Apparent disappearance in Continental U. S.
	Federally inspected	Other	1/	2/		to non-contiguous territories				
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1910	847,183	691,296		379,108		2,831	381,939			1,156,545
1911	1,033,846	693,787		604,979		3,550	608,529			1,119,104
1912	959,340	679,928	4	552,649	552,645	3,752	556,397			1,082,871
1913	944,941	688,420	4	575,492	575,488	4,624	580,112			1,053,249
1914	854,239	680,737		459,813	459,813	4,595	464,408			1,070,568
1915	955,908	712,925		486,676	486,676	4,988	491,664	63,304		1,177,169
1916	965,857	719,412		453,924	453,924	5,947	459,871	80,977		1,207,725
1917	737,797	693,337		382,145	382,145	4,049	386,194	54,539		1,076,378
1918	1,140,326	740,944		555,125	555,125	3,217	558,342	104,274		1,273,193
1919	1,154,568	749,204		783,859	783,859	3,774	787,633	62,614		1,157,799
1920	1,206,728	736,240		635,488	635,488	6,961	642,449	59,319		1,303,814
1921	1,379,300	712,877		892,892	892,892	9,922	902,814	47,541		1,201,141
1922	1,575,137	707,737		787,447	787,447	9,981	797,428	48,808		1,484,173
1923	1,971,245	721,131	6/	1,059,510	1,059,506	14,263	1,073,769	49,340		1,618,075
1924	1,922,629	712,676	49	971,460	971,411	14,439	985,850	61,049		1,637,746
1925	1,451,743	680,969	38	707,683	707,645	11,473	719,118	42,478		1,432,165
1926	1,513,385	671,222	83	717,077	716,994	16,079	733,073	49,992		1,444,020
1927	1,556,747	683,135	6	701,699	701,693	15,513	717,206	54,855		1,517,813
1928	1,749,749	682,071	3	783,472	783,469	18,007	801,476	85,217		1,599,982
1929	1,763,143	672,346	1	847,868	847,867	18,595	866,462	82,093		1,572,146

continued -

Table 87.- Lard, including neutral lard. Production, trade, stocks December 31, and apparent disappearance, 1900-1938 (1900-1935 revised) - continued

Calendar year	Production		Imports		Exports		Shipments		Total net		Stocks, Dec. 31		Apparent disappearance in Continental U. S.	
	Federally inspected	Other	Total	1/	2/	Net exports	to non-contiguous territories	to non-contiguous territories	Exports and shipments	Exports and shipments	Stocks, Dec. 31	Stocks, Dec. 31	Continentals	U. S.
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1930	1,521,160	679,592	2,200,752	2	656,018	656,016	18,222	674,238	51,434	1,557,178				
1931	1,554,018	724,891	2,278,909	3	578,296	578,293	22,547	600,840	51,224	1,578,279				
1932	1,573,460	777,835	2,351,295	8	552,154	552,146	23,735	575,881	41,088	1,785,550				
1933	1,679,272	766,663	2,445,935	1	534,233	534,237	27,523	611,760	132,510	1,742,752				
1934	1,340,795	725,167	2,065,962	6/	434,892	434,892	22,840	457,732	113,107	1,622,633				
1935	662,060	605,221	1,267,281	37	97,559	97,322	17,727	115,049	52,718	1,217,621				
1936	992,169	630,643	1,672,817	3	112,168	112,165	24,865	137,030	145,809	1,442,696				
1937	787,493	653,635	1,441,128	247	156,778	136,531	25,968	162,499	53,693	1,370,745				
1938 7/	1,076,152	678,326	1,754,478	2	204,503	204,601	29,459	234,060	107,421	1,466,690				
1939														

1/ Imports prior to 1912, available only on fiscal year basis, averaging about 3,500,000 pounds, have been disregarded. 1914-21, included with lard compounds.

2/ Includes neutral lard separately reported July 1, 1910 to January 1, 1938. Prior to 1910, exports of neutral lard are included with oleo oil and not separately reported.

3/ Shipments to Puerto Rico only.

4/ Interpolated, based on 1900 and 1902.

5/ Includes 6-month figures for Hawaii and Alaska.

6/ Less than 500 pounds.

7/ Preliminary.

Compiled as follows:

Production, 1900-1938, from Bureau of Agricultural Economics.

Trade figures, from Foreign Commerce and Navigation of the United States, and Bureau of Foreign and Domestic Commerce.

Stocks, from reports made by cold storage establishments to the Bureau of Agricultural Economics. Disappearance computed.

Table 89.- Neat's foot oil: Production, exports, stocks, Dec. 31, and apparent disappearance, 1935-38

Calendar year	Production	Exports	Stocks Dec. 31	Apparent disappearance
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1935	6,155	887	1,699	5,921
1936	6,257	707	1,901	5,348
1937	5,159	907	1,326	4,327
1938 <u>1/</u>	4,120	845	1,298	3,803

1/ Preliminary.

Table 90.- Oleo oil: Production, trade, stocks, December 31, and apparent disappearance, 1935-38

Calendar year	Production	Imports for consumption	Exports	Net exports	Stocks Dec. 31	Apparent disappearance
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1935	74,558	1,626	9,251	7,625	4,900	67,841
1936	98,022	63	9,131	9,068	4,326	89,528
1937	74,987	2	5,711	5,709	6,351	67,253
1938 <u>1/</u>	88,346	---	5,360	5,360	5,954	83,383

1/ Preliminary.

Table 91.- Oleo oil and oleostearine production as percentage of total of both commodities, 1935-38

Calendar year	Oleo oil	Oleo-stearine <u>1/</u>
	Percent	Percent
1935	64.1	35.9
1936	66.5	33.5
1937	63.3	36.7
1938 <u>2/</u>	65.7	34.3

1/ Reported as stearine, animal edible.

2/ Preliminary.

Table 93.- Oleo stock: Production and exports,
specified years,
1935-38

Calendar year	Production	Exports
	1,000 lb.	1,000 lb.
1935	---	3,378
1936	---	3,616
1937	---	2,656
1938 1/	---	2,874

1/ Preliminary.

Table 94.- Stearine, animal, edible: Production, trade, stocks
December 31, and apparent disappearance, 1935-38

(Net exports are indicated by a minus sign)

Calendar year	Production	Imports for consumption	Exports	Net ex- ports or net imports	Stocks Dec. 31	Apparent disap- pearance
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1935	41,755	9,201	1,261	7,940	5,722	47,235
1936	49,306	5,317	1,153	4,164	5,758	53,434
1937	43,536	3,745	601	3,144	5,306	47,132
1938 1/	46,137	400	181	219	4,527	47,135

1/ Preliminary.

Table 95.- Tallow, edible: Production, trade, stocks December 31,
and apparent disappearance, 1935-38

(Net exports are indicated by a minus sign)

Calendar year	Production	Imports for consumption	Exports	Net exports or net imports	Stocks Dec. 31	Apparent disap- pearance
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1935	73,893	1/	2/ 536	- 536	12,009	68,094
1936	98,117	9,758	709	9,049	9,087	110,088
1937	78,144	10,652	267	10,385	8,890	88,726
1938 3/	93,481	75	260	- 185	7,506	94,680

1/ Included with inedible tallow.

2/ Probably includes some inedible tallow. See table 96.

3/ Preliminary.

Table 96.- Tallow, inedible: Apparent production, trade, stocks December 31, and consumption 1935-38

Calendar year	Apparent production	Imports for consumption	Exports	Net imports	Stocks, Dec. 31	Consumption
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1935	441,682	245,851	1/	245,851	295,660	718,357
1936	608,228	68,936	2,813	66,123	244,037	725,974
1937	624,911	3,851	883	2,968	195,998	675,918
1938 2/	762,230	1,229	469	760	194,947	764,041

1/ Classification in Foreign Commerce and Navigation indicates that this item is shown with other greases. 2/ Preliminary.

Marine Animal Oils

Table 98.- Marine animal oils: Production, trade, stocks Dec. 31, and apparent disappearance, 1935-38

Calendar year	Production	Imports	Exports	Net imports	Stocks, Dec. 31	Apparent disappearance
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1935	240,464	78,592	3,276	75,316	191,594	320,209
1936	300,334	93,807	2,154	91,653	214,115	369,466
1937	267,972	122,748	1,949	120,799	216,441	386,445
1938 2/	248,455	84,700	2,677	82,023	259,445	287,474

1/ Imports for consumption. 2/ Preliminary.

Table 100.- Marine mammal oils: Production, trade, stocks December 31, and apparent disappearance, 1935-38

Calendar year	Whale oil and sperm-whale oil						Seal oil	Whale oil and seal oil
	Production	Imports for consumption	Exports	Net imports	Stocks, Dec. 31	Apparent disappearance		
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1935	8,569	1,503	10,072	20,240	2,833	23,073	15,655	32,767
1936	29,652	1,510	31,162	17,570	10,526	28,096	36,241	38,672
1937	67,891	1,306	69,197	44,444	10,327	54,771	91,306	68,903
1938 2/	56,693	1,364	58,057	12,806	9,266	22,072	82,273	89,162

1/ Excludes stocks in bonded warehouses of 22,450,000 pounds in 1935 and 3,080,000 pounds in 1936; such stocks not reported since 1936. 2/ Preliminary.

3/ Less than 500 pounds.

Table 101.- Fish oils: Production, trade, stocks December 31, and apparent disappearance, 1935-38
(Net exports are indicated by a minus sign)

Calendar year	Production	Imports for consumption	Exports	Net imports or net exports	Stocks Dec. 31	Apparent disappearance
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1935	228,641	868	3,276	-2,408	164,216	232,420
1936	266,836	1,287	2,154	- 867	160,542	269,643
1937	196,583	1,243	1,949	- 706	106,462	249,957
1938 1/	183,309	528	2,677	-2,149	146,160	146,462

1/ Preliminary.

Table 103.- Fish-liver oils: Production, trade, stocks December 31, and apparent disappearance, 1935-38

Calendar year	Production	Imports for consumption	Net imports	Stocks, Dec. 31	Apparent disappearance
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1935	1,751	54,651	54,651	11,723	55,022
1936	2,336	64,420	64,420	17,332	61,147
1937	2,192	66,641	66,641	18,673	67,492
1938 1/	2,039	62,100	62,100	31,012	51,850

1/ Preliminary.

Minor Vegetable Oils

Table 165.- Imports of almond, croton, and poppy oils, 1935-38

Calendar year	Almond oil	Croton oil	Poppy oil
	1,000 lb.	1,000 lb.	1,000 lb.
1935	212	4	14
1936	86	3	15
1937	93	3	49
1938 1/	87	2	36

1/ Preliminary.

Oleomargarine: Production and materials used in manufacture,
United States, May 1937 and 1938, March-May 1939

Item	May		1939 1/		
	1937	1938	Mar.	Apr.	May
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
Oleo oil	1,122	1,354	1,326	1,032	1,001
Oleostearine	275	274	271	237	290
Lard, neutral	151	114	112	94	77
Oleo stock	115	152	95	81	73
Beef fat	---	---	---	---	22
Total animal	1,663	1,894	1,804	1,444	1,463
Cottonseed oil	12,557	9,958	9,678	7,483	6,780
Soybean oil	1,490	2,053	5,452	4,925	5,568
Peanut oil	194	257	203	178	194
Corn oil	118	11	51	27	24
Cottonseed stearine	---	---	---	---	1
Total domestic vegetable 2/	14,359	12,279	15,384	12,613	12,567
Coconut oil	4,094	7,759	4,729	3,428	2,964
Babassu oil	2,617	685	1,596	1,247	1,323
Palm-kernel oil	834	470	173	126	8
Palm oil	157	---	---	---	1
Riceoil 3/	---	18	---	---	---
Total foreign vegetable 4/	7,702	8,932	6,498	4,801	4,296
Total fats and oils	23,724	23,105	23,686	18,858	18,326
Milk	5,244	5,509	5,861	4,561	4,498
Salt and other miscellaneous	1,346	1,267	1,316	1,078	1,053
Production of oleomargarine	28,745	28,516	29,417	23,325	22,699

1/ Preliminary.

2/ Ordinarily domestically produced.

3/ Bureau of the Census; probably imported from Japan.

4/ Not domestically produced.

Computed from Bureau of Internal Revenue records and Internal Revenue
Bulletin.

